

Gayatri Vidya Parishad Institute of Health Care & Medical Technology, Visakhapatnam - 530048, AP

MBBS- Phase 1 Time Table for Academic year 2019-2020

1 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	Break 15 min	11.15 – 1.00 PM	Lunch 1.00 PM – 2.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions	
Monday	AN1.2 Describe composition of bone and bone marrow AN2.2 Enumerate laws of ossification	Introduction to Physiology	Introduction to Biochemistry		Introduction to Physiology Practicals-B Batch BI11.1 Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal. -C BATCH AN2.1 Describe parts, blood and nerve supply of a long bone A-Batch		AN1.1 Demonstration of normal anatomical position, various planes, relation, comparison, laterality & movement in our body			
Tuesday	PY1.1.1 Describe the structure and functions of a mammalian cell. - Describe the components of cell and their functions.	AN2.3 Enumerate special features of a sesamoid bone. Classification of bones	PY1.1.2 Describe the structure and functions of a mammalian cell. - Describe the molecular and functional organization of a cell membrane.		Introduction to Physiology Practicals-A Batch BI11.1 Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal. --- B BATCH AN2.1 Describe parts, blood and nerve supply of a long bone C-Batch		AN4.1 Describe different types of skin & dermatomes in body AN4.2 Describe structure & function of skin with its appendages AN4.3 Describe superficial fascia along with fat distribution in body AN4.4 Describe modifications of deep fascia with its functions			
Wednesday	BI1.1 .Describe the molecular and functional organization of a cell and its subcellular components	PY1.2 Describe and discuss the principles of homeostasis	AN76.1 Describe the stages of human life AN76.2 Explain the terms- phylogeny, ontogeny, trimester, viability		Introduction to Physiology Practicals-C Batch BI11.1 Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal. ---- A BATCH AN2.1 Describe parts, blood and nerve supply of a long bone B-Batch		AN13.6 Identify & demonstrate important bony landmarks of upper limb: Jugular notch, sternal angle, acromial angle, spine of the scapula, vertebral level of the medial end, Inferior angle of the scapula			PY1-Assignment 1 on Endoplasmic reticulum, Golgi apparatus, Mitochondria, Ribosomes, Lysosomes, Peroxisomes
Thursday	AN2.4 Describe various types of cartilage with its structure & distribution in body	BI3.1 Discuss and differentiate monosaccharides, disaccharides' and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human body	PY1.3 Describe intercellular communication		PY2.11.0 Microscope –B Batch B 11.2 Describe the preparation of buffers and estimation of Ph - C BATCH AN65.1 Identify epithelium under the microscope & describe the various types that correlate to its function A-Batch.		AN12.5 Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved AN12.6 Describe & demonstrate movements of thumb and muscles involved			Gross record assignment & viva Histology record assignment & viva
Friday	AN2.5 Describe various joints with subtypes and examples AN2.6 Explain the concept of nerve supply of joints & Hilton's law	PY1.4 Describe apoptosis – programmed cell death	BI3.1 Discuss and differentiate monosaccharides, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human body		PY2.11.0 Microscope -A Batch B 11.2 Describe the preparation of buffers and estimation of Ph – B BATCH AN65.1 Identify epithelium under the microscope & describe the various types that correlate to its function C-Batch.		PY1.5 Describe and discuss transport mechanisms across cell membranes		PY1.6 Describe the fluid compartments of the body, its ionic composition & measurements	
Saturday	PY1.7 Describe the concept of pH & Buffer systems in the body	PY1.8.1 Describe and discuss the molecular basis of resting membrane potential	Community Medicine		PY2.11.0 Microscope -C Batch B 11.2 Describe the preparation of buffers and estimation of Ph - A BATCH AN65.1 Identify epithelium under the microscope & describe the various types that correlate to its function C-Batch.		AETCOM		SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY1-Assignment 2 on Cell junctions, Transport across the cell membrane

2 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions	
Monday	AN3.1 Classify muscle tissue according to structure & action AN3.3 Explain Shunt and spurt muscles	PY1.8.2 Describe and discuss the molecular basis of action potential in excitable tissue		Break 15 min	PY2.11.0.1 Neubauer Chamber focusing -B Batch BI11.5Describe screening of urine for inborn errors & describe the use of paper chromatography (REACTIONS OF CARBOHYDRATES) -C BATCH AN8.1 ,AN8.2 & AN8.3 Identify the given bone, its side, important features & keep it in anatomical Position (Clavicle).Identify & describe joints formed by the given bone. Enumerate peculiarities of clavicle A-Batch	Lunch 1.00 PM – 2.00 PM	AN12.7 Identify & describe course and branches of important blood vessels and nerves in hand			
Tuesday	PY1.9 Demonstrate the ability to describe and discuss the methods used to demonstrate the functions of the cells and its products, its communications and their applications in Clinical care and research.	AN3.2 Enumerate parts of skeletal muscle and differentiate between A116tendons and aponeuroses with examples	PY2.1.1 Describe the composition and functions of blood components-Plasma components and functions		PY2.11.0.1 Neubauer Chamber focusing -A Batch BI11.5Describe screening of urine for inborn errors & describe the use of paper chromatography(REACTIONS OF CARBOHYDRATES) B BATCH AN8.1 ,AN8.2 & AN8.3 Identify the given bone, its side, important features & keep it in anatomical Position (Clavicle).Identify & describe joints formed by the given bone. Enumerate peculiarities of clavicle C-Batch		AN12.3 Identify & describe flexor retinaculum with its attachments. AN12.9 Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths			
Wednesday	BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies	PY2.1.2 Describe the composition and functions of blood components-Features and functions of RBC, WBC and platelets	AN77.1 Describe the uterine changes occurring during the menstrual cycle		PY2.11.0.1 Neubauer Chamber focusing -C Batch BI11.5Describe screening of urine for inborn errors & describe the use of paper chromatography (REACTIONS OF CARBOHYDRATES) A BATCH AN8.1 ,AN8.2 & AN8.3 Identify the given bone, its side, important features & keep it in anatomical Position (Clavicle).Identify & describe joints formed by the given bone. Enumerate peculiarities of clavicle B-Batch		AN29.1 Describe & demonstrate attachments, nerve supply, relations and actions of sternocleidomastoid AN29.4 Describe & demonstrate attachments of 1) inferior belly of omohyoid, 2)scalenus anterior, 3) scalenus medius & 4) levator scapulae			PY1-Assignment 3 on Exocytosis Endocytosis
Thursday	AN4.5 Explain principles of skin incisions. Introduction to skin and fascia.	BI6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism and describe porphyrin metabolism	PY2.3 Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin		PY2.11.1 Estimate Hb-B Batch BI11.5Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF CARBOHYDRATE -C BATCH AN65.1 Identify epithelium under the microscope & describe the various types that correlate to its function A-Batch		AN9.2 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast. (Integration with General surgery)			Gross record assignment & viva Histology record assignment & viva
Friday	AN5.1 Differentiate between blood vascular and lymphatic system AN5.2 Differentiate between pulmonary and systemic circulation AN5.3 List general differences between arteries & veins AN5.4 Explain functional difference between elastic, muscular arteries and arterioles	PY2.2 Discuss the origin, forms, variations and functions of plasma proteins	BI6.12 Describe the major types of haemoglobin and its derivatives found in the body and their physiological/ pathological relevance.		PY2.11.1 Estimate Hb-A Batch BI11.5Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF CARBOHYDRATE -B BATCH AN65.1 Identify epithelium under the microscope & describe the various types that correlate to its function C-Batch		PY2.5 Describe different types of anaemias & Jaundice	PY2.4 Describe RBC formation (erythropoiesis & its regulation) and its functions		

Saturday	PY2.6 Describe WBC formation (granulopoiesis) and its regulation	PY2.7 Describe the formation of platelets, functions and variations.	Community Medicine		PY2.11.1 Estimate Hb-C Batch BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF CARBOHYDRATE -A BATCH AN65.1 Identify epithelium under the microscope & describe the various types that correlate to its function B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY1-Assignment 4 on Negative feedback, Positive feedback, Homeostasis
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3 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN5.5 Describe portal system giving examples AN5.6 Describe the concept of anastomoses and collateral circulation with significance of end-arteries	PY2.8.1 Describe the physiological basis of hemostasis and, anticoagulants.-clotting, fibrinolysis		Break 15 min	PY2.11.2 EstimateRBC-B Batch BI11.5Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN CARBOHYDRATE -C BATCH AN8.1 & AN8.2 Identify the given bone, its side, important features & keep it in anatomical Position (Scapula) Identify & describe joints formed by the given bone A-Batch	Lunch 1.00 PM – 2.00 PM	AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor		
Tuesday	PY2.8.2 Describe bleeding & clotting disorders (Hemophilia, purpura,thrombosis etc.)	AN5.7 Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomosis AN5.8 Define thrombosis, infarction & aneurysm	PY2.9.1 Describe different blood groups and their testing		PY2.11.2 Estimate RBC-A Batch BI11.5Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN CARBOHYDRATE-B BATCH AN8.1 & AN8.2 Identify the given bone, its side, important features & keep it in anatomical Position (Scapula) Identify & describe joints formed by the given bone C-Batch		AN10.1 Identify & describe boundaries and contents of axilla AN10.2 Identify, describe and demonstrate the origin, extent, course, parts relations and branches of axillary artery & tributaries of vein		
Wednesday	BI6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism and describe porphyrin metabolism	PY2.9.2 Discuss the clinical importance of blood grouping, blood banking and transfusion	AN77.2 Describe the synchrony between the ovarian and menstrual cycles		PY2.11.2 Estimate RBC-C Batch BI11.5Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN CARBOHYDRATE ---A BATCH AN8.1 & AN8.2 Identify the given bone, its side, important features & keep it in anatomical Position (Scapula) Identify & describe joints formed by the given bone B-Batch		AN10.3 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus AN10.5 Explain variations in formation of brachial plexus	PY1-Assignment 5 on Resting membrane potential , Action potential	
Thursday	AN6.1 List the components and functions of the lymphatic system	BI5.1 Describe and discuss structural organization of proteins	PY2.10.1 Define and classify different types of immunity. - Describe the definition, principles and mechanisms involved in immunity. Define and classify different types of immunity.		PY2.11.3 EstimateRBC indices-B Batch BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography--- REACTIONS OF PROTEINS -C BATCH AN65.2 Describe the ultrastructure of epithelium A-Batch		AN10.4 Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage. (Integration with General surgery)	Gross record assignment & viva Histology record assignment & viva	
Friday	AN6.2 Describe structure of lymph capillaries & mechanism of lymph circulation AN6.3 Explain the concept of lymphoedema and spread of tumors via lymphatics and venous systems	PY2.3 Describe and discuss the synthesis and functions of Hemoglobin and explain its breakdown. Describe variants of hemoglobin	BI5.1 Describe and discuss structural organization of proteins		PY2.11.3 EstimateRBC indices-A Batch BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography--- REACTIONS OF PROTEINS -B BATCH AN65.2 Describe the ultrastructure of epithelium C-Batch		PY2.10.2 Describe the development of immunity and its regulation	PY9.1 Describe and discuss sex determination; sex differentiation and their abnormalities and outline psychiatry and practical implication of sex determination.	

Saturday	PY9.2 Describe and discuss puberty: onset, progression, stages; early and delayed puberty and outline adolescent clinical and psychological association.	PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness + PY9.5 Describe and discuss the physiological effects of sex hormones	Community Medicine		PY2.11.3 Estimate RBC indices-C Batch BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography--- REACTIONS OF PROTEINS -A BATCH AN65.2 Describe the ultrastructure of epithelium B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY1-Assignment 6 on Measurement of body fluids, Plasma proteins
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4 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN7.1 Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems AN7.2 List components of nervous tissue and their functions	PY9.4.2 Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle - hormonal, uterine and ovarian changes + PY9.11 Discuss the hormonal changes and their effects during perimenopause and menopause		Break 15 min	PY2.11.4 Estimate TLC-B Batch BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography--- IDENTIFICATION OF PROTEINS -C BATCH AN8.1 & AN8.2 Identify the given bone, its side, important features & keep it in anatomical Position (Humerus). Identify & describe joints formed by the given bone A-Batch	Lunch 1.00 PM – 2.00 PM	AN10.8 Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi.		
Tuesday	PY9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages	AN7.3 Describe parts of a neuron and classify them based on number of neurites, size & function AN7.8 Describe differences between sympathetic and spinal ganglia	PY9.7 Describe and discuss the effects of removal of gonads on physiological functions		PY2.11.4 Estimate TLC-A Batch BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography--- IDENTIFICATION OF PROTEINS -B BATCH AN8.1 & AN8.2 Identify the given bone, its side, important features & keep it in anatomical Position (Humerus). Identify & describe joints formed by the given bone C-Batch		AN10.10 Describe and identify the deltoid and rotator cuff muscles		
Wednesday	BI5.1 Describe and discuss structural organization of proteins	PY9.8.1 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it.	AN77.3 Describe spermatogenesis and oogenesis along with diagrams		PY2.11.4 Estimate TLC-C Batch BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography--- IDENTIFICATION OF PROTEINS- A BATCH AN8.1 & AN8.2 Identify the given bone, its side, important features & keep it in anatomical Position (Humerus). Identify & describe joints formed by the given bone B-Batch		AN10.11 Describe & demonstrate attachment of serratus anterior with its action		PY2-Assignment 1 on Erythropoiesis, Leucopoiesis, Fate of RBCs Morphology & functions of WBCs, Erythrocyte sedimentation rate, Anemia
Thursday	AN7.4 Describe structure of a typical spinal nerve, AN7.7 Describe various type of synapse	BI4.1 Describe and discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their major functions	PY9.8.2 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it.		Revision PY2.11.2 Estimate RBC & PY2.11.4 Estimate TLC - B Batch BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography--- IDENTIFICATION OF UNKNOWN PROTEIN -C BATCH AN66.1 Describe & identify various types of connective tissue with functional correlation A-Batch		AN10.12 Describe and demonstrate shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy (Integration with Orthopedics)		Gross record assignment & viva Histology record assignment & viva
Friday	AN7.5 Describe principles of sensory and motor innervation of muscles AN7.6 Describe concept of loss of innervation of a muscle with its applied anatomy	PY9.12 Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility.	BI4.1 Describe and discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their major functions		Revision PY2.11.2 Estimate RBC & PY2.11.4 Estimate TLC -A Batch BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography--- IDENTIFICATION OF UNKNOWN PROTEIN -B BATCH AN66.1 Describe & identify various types of connective tissue with functional correlation C-Batch		PY3.1 Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines	PY3.2+PY3.17 Describe the types, functions & properties of nerve fibers + Describe Strength-duration curve	

Saturday	PY3.3 Describe the degeneration and regeneration in peripheral nerves	PY3.7 Describe the different types of muscle fibres and their structure	Community Medicine	Revision PY2.11.2 Estimate RBC & PY2.11.4 Estimate TLC - C Batch BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography--- IDENTIFICATION OF UNKNOWN PROTEIN --- A BATCH AN66.1 Describe & identify various types of connective tissue with functional correlation B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY2-Assignment 2 on Platelets,Blood coagulation, Fibrinolysis, Anticoagulants, Hemophilia
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5 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN10.6 Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis	PY2.5 Visit to General Medicine Ward-Anaemia		Break 15 min	PY2.11.5 DLC -B Batch BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents –NORMAL URINE – <u>C BATCH</u> AN8.1 & AN8.2 Identify the given bone, its side, important features & keep it in anatomical Position (Radius) Identify & describe joints formed by the given bone A-Batch	Lunch 1.00 PM – 2.00 PM	AN11.1 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii		PY2-Assignment 3 on ABO blood groups, Rh factor, Transfusion reactions, Hemolytic disease of the newborn/ erythroblastosis foetalis
Tuesday	PY3.8 Describe action potential and its properties in different muscle types	AN10.7 Explain anatomical basis of enlarged axillary lymph nodes	PY3.4 Describe the structure of neuro-muscular junction and transmission of impulses		PY2.11.5 DLC-A Batch BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents –NORMAL URINE – <u>B BATCH</u> AN8.1 & AN8.2 Identify the given bone, its side, important features & keep it in anatomical Position (Radius) Identify & describe joints formed by the given bone C-Batch		AN11.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm AN11.4 Describe the anatomical basis of Saturday night paralysis (Integration with Orthopedics)		
Wednesday	BI4.1 Describe and discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their major functions	PY3.5 Discuss the action of neuro-muscular blocking agents	AN77.3 Describe spermatogenesis and oogenesis along with diagrams		PY2.11.5 DLC-C Batch BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents –NORMAL URINE – <u>A BATCH</u> AN8.1 & AN8.2 Identify the given bone, its side, important features & keep it in anatomical Position (Radius) Identify & describe joints formed by the given bone B-Batch		AN11.5 Identify & describe boundaries and contents of cubital fossa AN11.3 Describe the anatomical basis of Venepuncture of cubital veins (Integration with General surgery)		PY2-Assignment 4 on Reticuloendothelial system, Functions of spleen, Lymph, T lymphocytes, B lymphocytes, Immunoglobulins
Thursday	AN10.9 Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation	BI2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors. Enumerate the main classes of IUBMB nomenclature	PY3.9 Describe the molecular basis of muscle contraction in skeletal and in smooth muscles		Revision PY2.11.5 DLC-B Batch BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents –NORMAL URINE – <u>C BATCH</u> AN66.2 Describe the ultrastructure of connective tissue A-Batch		AN12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions		Gross record assignment & viva Histology record assignment & viva
Friday	(AN10.13 Explain anatomical basis of Injury to axillary nerve during intramuscular injections)	SDL on PY1.1 to PY1.9	Biochemistry SDL		Revision PY2.11.5 DLC-A Batch BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents –NORMAL URINE – <u>B BATCH</u> AN66.2 Describe the ultrastructure of connective tissue C-Batch		Tutorial on PY1.1 to PY1.9		PY9 -Assignment 1 on Puberty, Secondary sexual characters in females & males

Saturday	Written assessment 1 on PY1.1 to PY1.9	Community Medicine	Revision PY2.11.5 DLC-C Batch BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents –NORMAL URINE – <u>A BATCH</u> AN66.2 Describe the ultrastructure of connective tissue B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES
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6 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	11.15 – 1.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN11.6 Describe the anastomosis around the elbow joint	PY9.8 Visit to Obstetrics Ward-Pregnancy		PY2.11.6 Estimate BT/CT & PY2.11.7 Blood groups -B Batch BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents – ABNORMAL URINE – C BATCH AN8.1 & AN8.2 Identify the given bone, its side, important features & keep it in anatomical Position (Ulna) Identify & describe joints formed by the given bone A-Batch	AN12.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm		PY9 -Assignment 2 on Hormonal regulation of menstrual cycle,Ovulation,Graafian follicle &Corpus luteum,Tests of ovulation
Tuesday	PY3.10 Describe the mode of muscle contraction (isometric and isotonic)	AN12.4 Explain anatomical basis of carpal tunnel syndrome	PY3.11 Explain energy source and muscle metabolism	PY2.11.6 Estimate BT/CT & PY2.11.7 Blood groups -A Batch BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents – ABNORMAL URINE – B BATCH AN8.1 & AN8.2 Identify the given bone, its side, important features & keep it in anatomical Position (Ulna) Identify & describe joints formed by the given bone C-Batch	AN12.11 Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions (Integration with General surgery)		
Wednesday	BI2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors. Enumerate the main classes of IUBMB nomenclature	PY3.5 Discuss the action of neuro-muscular blocking agents	AN77.4 Describe the stages and consequences of fertilisation	PY2.11.6 Estimate BT/CT & PY2.11.7 Blood groups-C Batch BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents – ABNORMAL URINE – A BATCH AN8.1 & AN8.2 Identify the given bone, its side, important features & keep it in anatomical Position (Ulna) Identify & describe joints formed by the given bone B-Batch	AN12.12 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm (Integration with General surgery)		PY9 -Assignment 3 on Spermatogenesis,Functions of blood testis barrier,
Thursday	AN12.8 Describe anatomical basis of Claw hand	BI2.3.Describe and explain the basic principles of enzyme activity	PY3.12 Explain the gradation of muscular activity	PY2.9.3 Blood Bank Visit -B Batch BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents – ABNORMAL URINE – C BATCH AN67.1 Describe & identify various types of muscle under the microscope A-Batch	AN12.14 Identify & describe compartments deep to extensor retinaculum AN12.15 Identify & describe extensor expansion formation (Integration with General surgery)		Assignment 2 on Excitation Contraction Coupling Gross record assignment & viva Histology record assignment & viva
Friday	Anatomy (AN12.10 Explain infection of fascial spaces of palm)	SDL on PY2.1 to PY2.6	Biochemistry SDL	PY2.9.3 Blood Bank Visit -A Batch BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents – ABNORMAL URINE – B BATCH AN67.1 Describe & identify various types of muscle under the microscope C-Batch	Viva voce on PY1.1 to PY1.9		PY9 -Assignment 4 on Contraceptive methods in females & males
Saturday	Tutorial on PY2.1 to PY2.6		Community Medicine	PY2.9.3 Blood Bank Visit -C Batch BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents – ABNORMAL URINE – A BATCH AN67.1 Describe & identify various types of muscle under the microscope B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	

Break 15 min

Lunch 1.00 PM – 2.00 PM

7 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	11.15 – 1.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN12.13 Describe the anatomical basis of Wrist drop	PY9.12 Visit to Obstetrics & Gynaecology OP/Ward -Infertility		PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc -B Batch BI11.20Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states –C BATCH AN8.6 Describe scaphoid fracture and explain the anatomical basis of avascular necrosis A-Batch	AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints, wrist joint & first carpometacarpal joint		PY9 -Assignment 5 on Maternal changes during pregnancy, Pregnancy tests
Tuesday	PY3.6 +PY3.13 Describe the pathophysiology of Myasthenia gravis+ Describe muscular dystrophy: myopathies	AN13.1 Describe and explain Fascia of upper limb and compartments, veins of upper limb and its lymphatic drainage	PY6.1 Describe the functional anatomy of respiratory tract	PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc -A Batch BI11.20Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states –B BATCH AN8.6 Describe scaphoid fracture and explain the anatomical basis of avascular necrosis C-Batch	AN13.7 Identify & demonstrate surface projection of: Cephalic and basilic vein, Palpation of Brachial artery, Radial artery. Testing of muscles: Trapezius, pectoralis major, serratus anterior, latissimus dorsi, deltoid, biceps brachii, Brachioradialis		
Wednesday	BI2.4 Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes	PY6.2.1Describe the mechanics of normal respiration , pressure changes during ventilations	AN77.5 Enumerate and describe the anatomical principles underlying contraception	PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc -C Batch BI11.20Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states –A BATCH AN8.6 Describe scaphoid fracture and explain the anatomical basis of avascular necrosis B-Batch	AN13.5 Identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and hand (Integration with Radiodiagnosis)		PY9 -Assignment 6 on Parturition reflex, Milk ejection reflex
Thursday	AN13.2 Describe dermatomes of upper limb	B.12.5Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions	PY6.2.2 Describe alveolar surface tension , compliance, airway resistance,	PY2.13 Describe steps for reticulocyte and platelet count -B Batch BI11.20Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states –C BATCH AN67.2 Classify muscle and describe the structure-function correlation of the same A-Batch	PCT on upper limb		Record submission & regional assessment on Upper limb
Friday	(AN13.4 Describe Sternoclavicular joint, Acromioclavicular joint, Carpometacarpal joints & Metacarpophalangeal joint)	SDL on PY2.1 to PY2.6	Biochemistry SDL	PY2.13 Describe steps for reticulocyte and platelet count -A Batch BI11.20Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states –B BATCH AN67.2 Classify muscle and describe the structure-function correlation of the same C-Batch	Tutorial on PY2.1 to PY2.6		PY3-Assignment 1 on compare the properties of all three muscle types
Saturday	Written assessment 1 on PY2.1 to PY2.6		Community Medicine	PY2.13 Describe steps for reticulocyte and platelet count -C Batch BI11.20Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states –A BATCH AN67.2 Classify muscle and describe the structure-function correlation of the same B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	

Break 15 min

Lunch 1.00 PM – 2.00 PM

8 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN21.7 Mention the origin, course, relations and branches of 1) atypical intercostal nerve 2) superior intercostal artery, subcostal artery	PY9.8 Visit to Labour Room-Parturition		Break 15 min	PY3.18.1 Equipments, Muscle-Nerve Preparation, SMT, Effect of Temp, Conduction velocity + PY3.18.2 Effect of two successive stimulation, Effect of Load, Increasing strength of stimulation-B Batch BI11.6 Describe the principles of colorimetry & BI11.18 Discuss the principles of spectrophotometry – C BATCH Assessment - I (General & Upper limb) A-Batch	Lunch 1.00 PM – 2.00 PM	AN21.3 Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet		PY3-Assignment 2 on Excitation Contraction Coupling
Tuesday	PY6.2.3+ PY6.7 Describe lung volume and capacities + Describe and discuss lung function tests & their clinical significance	AN21.10 Describe costochondral and interchondral joints	PY6.2.4 Describe ventilation V/P ratio, diffusion capacity of lungs		PY3.18.1 Equipments, Muscle-Nerve Preparation, SMT, Effect of Temp, Conduction velocity+ PY3.18.2 Effect of two successive stimulation, Effect of Load, Increasing strength of stimulation-A Batch BI11.6 Describe the principles of colorimetry & BI11.18 Discuss the principles of spectrophotometry- B -BATCH Assessment - I (General & Upper limb) C-Batch		AN21.4 Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles. AN21.9 Describe & demonstrate mechanics and types of respiration (Integration with Physiology)		
Wednesday	BI.2.6 Discuss use of enzymes in laboratory investigations (Enzyme-based assays)	PY6.3.1 Describe and discuss the transport of Oxygen and oxy hemoglobin Dissociation curve.	AN77.6 Describe teratogenic influences; fertility and sterility, surrogate motherhood, social significance of "sex-ratio".		PY3.18.1 Equipments, Muscle-Nerve Preparation, SMT, Effect of Temp, Conduction velocity+ PY3.18.2 Effect of two successive stimulation, Effect of Load, Increasing strength of stimulation)-C Batch BI11.6 Describe the principles of colorimetry & BI11.18 Discuss the principles of spectrophotometry- A -BATCH Assessment - I (General & Upper limb) B-Batch		AN21.5 Describe & demonstrate origin, course, relations and branches of a typical intercostal nerve	PY3-Assignment 3 on Mechanics of Muscle contraction. L-T, F-V relationship	
Thursday	AN22.6 Describe the fibrous skeleton of heart	BI6.2 Describe and discuss the metabolic processes in which nucleotides are involved	PY6.3.2 Describe and discuss the transport of carbon dioxide.		PY3.18.3 Effect of increasing frequency, Fatigue+PY3.18.4 Frog's Heart preparation, NCG, Effect of Temp+ PY3.18.5 Properties of Heart muscle, Stannius Ligature, vagus stimulation-B Batch BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications BI 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: P^H METER, ABG ANALYZER ---C BATCH AN67.3 Describe the ultrastructure of muscular tissue A-Batch		AN21.6 Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels	Gross record assignment & viva Histology record assignment & viva	

Friday	(AN22.7 Mention the parts, position and arterial supply of the conducting system of heart)	SDL on PY2.7 to PY2.10	Biochemistry SDL	<p>PY3.18.3 Effect of increasing frequency, Fatigue+PY3.18.4 Frog's Heart preparation, NCG, Effect of Temp+ PY3.18.5 Properties of Heart muscle, Stannius Ligature, vagus stimulation-A Batch</p> <p>BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications</p> <p>BI 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: P^H METER, ABG ANALYZER ---B BATCH</p> <p>AN67.3 Describe the ultrastructure of muscular tissue C-Batch</p>	Tutorial on PY2.7 to PY2.10		PY3-Assignment 4 on Muscle fiber types. Source of energy for different types of muscular activities.
Saturday	Tutorial on PY2.7 to PY2.10		Community Medicine	<p>PY3.18.3 Effect of increasing frequency, Fatigue+PY3.18.4 Frog's Heart preparation, NCG, Effect of Temp+ PY3.18.5 Properties of Heart muscle, Stannius Ligature, vagus stimulation -C Batch</p> <p>BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications</p> <p>BI 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: P^H METER, ABG ANALYZER ---A BATCH</p> <p>AN67.3 Describe the ultrastructure of muscular tissue B-Batch</p>	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	

9 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN23.6 Describe the splanchnic nerves	PY9.6 Community Medicine Museum visit- Contraceptive methods		Break 15 min	PY3.18.6 Effect of Drugs and Ions on Frog's Heart (Demonstration, Computer assisted learning methods) -B Batch BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications BI 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: AUTOANALYZER , •ELECTROLYTE ANALYSIS BY ISE ---C BATCH AN21.1 Identify and describe the salient features of sternum A-Batch	Lunch 1.00 PM – 2.00 PM	AN24.1 Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy		PY3-Assignment 5 on Motor unit. Frequency summation-Tetany, Treppe, Summation of contraction
Tuesday	PY6.0.1 Describe the chemical regulation of respiration	AN23.7 Mention the extent, relations and applied anatomy of lymphatic duct	PY6.0.2 Describe the neural regulation of respiration		PY3.18.6 Effect of Drugs and Ions on Frog's Heart (Demonstration, Computer assisted learning methods)-A Batch- BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications BI 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: AUTOANALYZER , •ELECTROLYTE ANALYSIS BY ISE ---B BATCH AN21.1 Identify and describe the salient features of sternum C-Batch		AN24.2 Identify side, external features and relations of structures which form root of lung & bronchial tree and their clinical correlate (Integration with Physiology & General medicine)		
Wednesday	BI 6.3 Describe the common disorders associated with nucleotide metabolism	PY6.3.1 Describe and discuss the transport of Oxygen and oxy hemoglobin Dissociation curve.	AN78.1 Describe cleavage and formation of blastocyst		PY3.18.6 Effect of Drugs and Ions on Frog's Heart (Demonstration, Computer assisted learning methods)-C Batch BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications BI 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: AUTOANALYZER , •ELECTROLYTE ANALYSIS BY ISE ---A BATCH AN21.1 Identify and describe the salient features of sternum B-Batch		AN21.8 Describe & demonstrate type, articular surfaces & movements of manubriosternal, costovertebral, costotransverse and xiphisternal joints		PY6-Assignment 1 on Capacities & volumes of the Lung and its normal values.
Thursday	AN24.3 Describe a bronchopulmonary segment	BI 6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	PY6.4+ PY6.5.1 Describe and discuss the physiology of high altitude and acclimatization; deep sea Diving and decompression sickness.		PY3.14 Perform Ergography (DOAP) -B Batch BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including ---- PAPER CHROMATOGRAPHY OF AMINOACIDS,TLC---C BATCH AN68.1 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve A-Batch		AN21.11 Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum		Gross record assignment & viva Histology record assignment & viva
Friday	AN24.5 Mention the blood supply, lymphatic drainage and nerve supply of lungs	AITO- Anaemia			PY3.14 Perform Ergography (DOAP)- A Batch BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including ---- PAPER CHROMATOGRAPHY OF AMINOACIDS,TLC---B BATCH		Tutorial on PY2.7 to PY2.10		PY6-Assignment 2 on ventilation ,V/P ratio, diffusion capacity of lungs

				AN68.1 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve C-Batch				
Saturday	Written assessment 2 on PY2.7 to PY2.10	Community Medicine		PY3.14 Perform Ergography (DOAP)-C Batch BI11.16Observe use of commonly used equipments/techniques in biochemistry laboratory including ---- PAPER CHROMATOGRAPHY OF AMINOACIDS,TLC---A <u>BATCH</u> AN68.1 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	

10 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN24.6 Describe the extent, length, relations, blood supply, lymphatic drainage and nerve supply of trachea	Early Clinical Exposure		Break 15 min	PY3.15 Demonstrate the Effect of different degrees of exercise on Cardio-respiratory parameters. -B Batch BI11.16Observe use of commonly used equipments/techniques in biochemistry laboratory including ----PROTEIN ELECTROPHORESIS,PAGE ---C BATCH AN21.1 Identify and describe the salient features of typical rib and typical thoracic vertebra A-Batch	Lunch 1.00 PM – 2.00 PM	AN22.1 Describe & demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium		
Tuesday	PY6.5.2 Describe and discuss the principles of artificial respiration, oxygen therapy	AN14.3 Describe the importance of ossification of lower end of femur & upper end of tibia	PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis, asphyxia; drowning, periodic breathing		PY3.15 Demonstrate the Effect of different degrees of exercise on Cardio-respiratory parameters. -A Batch- BI11.16Observe use of commonly used equipments/techniques in biochemistry laboratory including ----PROTEIN ELECTROPHORESIS,PAGE ---B -BATCH AN21.1 Identify and describe the salient features of typical rib and typical thoracic vertebra C-Batch		AN22.2 Describe & demonstrate external and internal features of each chamber of heart (Integration with Physiology)	PY6-Assignment 3 on Transport of Oxygen and oxy hemoglobin Dissociation curve	
Wednesday	BI 6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Vitamin-A,(DR 17.1, PE 12.1 TO P.E 12.5)	PY5.1.1 Describe the functional Anatomy of heart including Chambers, sounds	AN78.2 Describe the development of trophoblast AN78.3 Describe the process of implantation & common abnormal sites of implantation		PY3.15 Demonstrate the Effect of different degrees of exercise on Cardio-respiratory parameters.-C Batch BI11.16Observe use of commonly used equipments/techniques in biochemistry laboratory including ----PROTEIN ELECTROPHORESIS,PAGE ---A -BATCH AN21.1 Identify and describe the salient features of typical rib and typical thoracic vertebra B-Batch		AN22.3 Describe & demonstrate origin, course and branches of coronary arteries AN22.5 Describe & demonstrate the formation, course, tributaries and termination of coronary sinus (Integration with Physiology)		
Thursday	AN17.2 Describe anatomical basis of complications of fracture neck of femur	BI 6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Vitamin-D(PE - 12.6 TO PE 12.9)	PY5.1.2 Pacemaker tissue and Conducting system		PY3.16 Demonstrate Harvard step test -B Batch BI11.16Observe use of commonly used equipments/techniques in biochemistry laboratory including ----ELISA, IMMUNODIFFUSION ---C BATCH AN68.2 Describe the structure-function correlation of neuron A-Batch		AN23.1 Describe & demonstrate the external appearance, relations, blood supply, nerve supply, lymphatic drainage and applied anatomy of oesophagus AN23.2 Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy (Integration with General surgery)	PY6-Assignment 4 on High altitude physiology and Acclimatization Gross record assignment & viva Histology record assignment & viva	
Friday	(AN17.3 Describe dislocation of hip joint and surgical hip replacement)	SDL on PY2.1 to PY2.13	Biochemistry SDL		PY3.16 Demonstrate Harvard step test-A Batch- BI11.16Observe use of commonly used equipments/techniques in biochemistry laboratory including ----ELISA, IMMUNODIFFUSION ---B BATCH AN68.2 Describe the structure-function correlation of neuron C-Batch		Viva voce on PY2.1 to PY2.13		
Saturday	PY9.13 Clinical Charts : Ovulation with LH surge Ovarian cycle Endometrial cycle		Community Medicine		PY3.16 Demonstrate Harvard step test-C Batch BI11.16Observe use of commonly used equipments/techniques in biochemistry laboratory including ----ELISA, IMMUNODIFFUSION ---A BATCH AN68.2 Describe the structure-function correlation of neuron B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY6-Assignment 5 on Artificial Respiration and oxygen therapy

11 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions	
Monday	AN18.6 Describe knee joint injuries with its applied anatomy	PY6.2.3+ PY6.7 Pulmonology OP/Ward- Lung volume, capacities and function tests		Break 15 min	OSPE on PY2.11.1, PY2.11.6 & PY2.11.7-B Batch BI11.16Observe use of commonly used equipments/techniques in biochemistry laboratory including ----DNA ISOLATION from blood/ tissue ---C BATCH AN21.2 Identify & describe the features of 1st , 2nd, 11th and 12th ribs A-Batch	Lunch 1.00 PM – 2.00 PM	AN23.3 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins			
Tuesday	PY5.2.1 Describe the properties of cardiac muscle including its morphology	AN18.7 Explain anatomical basis of Osteoarthritis	PY5.2.2 Electrical, mechanical and metabolic functions of Cardiac muscle		OSPE on PY2.11.1, PY2.11.6 & PY2.11.7-A Batch BI11.16Observe use of commonly used equipments/techniques in biochemistry laboratory including ----DNA ISOLATION from blood/ tissue ---B BATCH AN21.2 Identify & describe the features of 1st , 2nd, 11th and 12th ribs C-Batch		AN23.4 Mention the extent, branches and relations of arch of aorta & descending thoracic aorta	PY6-Assignment 6 on Cyanosis, Asphyxia and Periodic breathing.		
Wednesday	BI 6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Vitamin-E&K(PE 12.11 TO 12.14)	PY5.2.3 Properties of cardiac muscle	AN78.4 Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate		OSPE on PY2.11.1, PY2.11.6 & PY2.11.7-C Batch BI11.16Observe use of commonly used equipments/techniques in biochemistry laboratory including ----DNA ISOLATION from blood/ tissue ---A BATCH AN21.2 Identify & describe the features of 1st , 2nd, 11th and 12th ribs B-Batch		AN23.5 Identify & Mention the location and extent of thoracic sympathetic chain			
Thursday	AN19.3 Explain the concept of "Peripheral heart"	BI 6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Vitamin- B1 Thiamine (PE -12.5 TO 12.7 ,IM 23.3)	PY5.3.1 Define cardiac cycle, Discuss the events occurring During cardiac cycle		OSPE on PY2.11.2 & PY2.11.3-B Batch BI11.21Demonstrate estimation of glucose, creatinine, urea and total protein in serum ----- GLUCOSE --- C BATCH AN68.3 Describe the ultrastructure of nervous tissue A-Batch		AN21.8 Describe & demonstrate type, articular surfaces & movements of manubriosternal, costovertebral, costotransverse and xiphisternal joints	PY5-Assignment 1 on 1.Pacemaker Tissue and Conducting System 2.Electrical Mechanical & Metabolic Functions of Cardiac muscle Gross record assignment & viva Histology record assignment & viva		
Friday	(AN19.4 Explain the anatomical basis of rupture of calcaneal tendon)	SDL on PY9.1 to PY9.12	Biochemistry SDL		OSPE on PY2.11.2 & PY2.11.3-A Batch BI11.21Demonstrate estimation of glucose, creatinine, urea and total protein in serum ----- GLUCOSE --- B BATCH AN68.3 Describe the ultrastructure of nervous tissue C-Batch		Tutorial on PY9.1 to PY9.12			
Saturday	Tutorial on PY9.1 to PY9.12		Community Medicine		OSPE on PY2.11.2 & PY2.11.3-C Batch BI11.21Demonstrate estimation of glucose, creatinine, urea and total protein in serum ----- GLUCOSE --- A BATCH AN68.3 Describe the ultrastructure of nervous tissue B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES		

12 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	11.15 – 1.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions	
Monday	AN19.5 Describe factors maintaining importance arches of the foot with its importance	Early Clinical Exposure		OSPE on PY2.11.4-B Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum ----- UREA --- <u>C BATCH</u> AN21.2 Identify & describe the features of 1st, 11th and 12 th thoracic vertebrae A-Batch	Lunch 1.00 PM – 2.00 PM	AN25.9 Demonstrate surface marking of lines of pleural reflection, lung borders and fissures, trachea, heart borders, apex beat & surface projection of valves of heart (Integration with Physiology)		
Tuesday	PY5.3.2 Pressure and volume Changes in cardiac cycle	AN19.6 Explain the anatomical basis of Flat foot & Club foot	PY5.4 Origin and spread of cardiac Impulse. Ionic bases of Pacemaker potential and Action potential in S.A node	OSPE on PY2.11.4-A Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum ----- UREA --- <u>B BATCH</u> AN21.2 Identify & describe the features of 1st, 11th and 12 th thoracic vertebrae C-Batch		AN25.7 Identify structures seen on a plain x-ray chest (PA view) AN25.8 Identify and describe in brief a barium swallow		
Wednesday	BI 6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Vitamin- NIACIN & RIBOFLAVIN (PE-12.16 ,DR - 17.2)	PY5.5 Describe the physiology of ECG, its applications and Cardiac axis	AN78.5 Describe in brief abortion; decidual reaction, pregnancy test	OSPE on PY2.11.4-C Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum ----- UREA --- <u>A BATCH</u> AN21.2 Identify & describe the features of 1st, 11th and 12 th thoracic vertebrae B-Batch		PCT on thorax	PY5-Assignment 2 on Pressure and Volume Changes in Cardiac cycle Record submission & regional assessment on Thorax	
Thursday	AN19.7 Explain the anatomical basis of Metatarsalgia & Plantar fasciitis	BI 6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Vitamin- BIOTIN ,PYRIDOXINE (PE- 12.17)	PY5.6 Describe abnormal ECG, arrhythmias , heart block and myocardial infraction	PY9.9 Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results-B Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum & BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance -- <u>C BATCH</u> AN69.1 Identify elastic & muscular blood vessels, capillaries under the microscope A-Batch		AN20.7 Identify & demonstrate important bony landmarks of lower limb: -Vertebral levels of highest point of iliac crest, posterior superior iliac spines, iliac tubercle, pubic tubercle, ischial tuberosity, adductor tubercle, Tibial tuberosity, head of fibula, Medial and lateral malleoli, Condyles of femur and tibia, sustentaculum tali, tuberosity of fifth metatarsal, tuberosity of the navicular	Gross record assignment & viva Histology record assignment & viva	
Friday	(AN20.4 Explain anatomical basis of enlarged inguinal lymph nodes) Biochemistry	SDL on PY5.5 ECG Recording	Biochemistry SDL	PY9.9 Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results -A Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance ---- <u>B BATCH</u> AN69.1 Identify elastic & muscular blood vessels, capillaries under the microscope C-Batch		PY5.5 ECG Recording		
Saturday	PY5.6 ECG Interpretation		Community Medicine	PY9.9 Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results -C Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum & BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance --- <u>A BATCH</u> AN69.1 Identify elastic & muscular blood vessels, capillaries under the microscope B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY5-Assignment 3 on Physiology of ECG & abnormal ECG

Break 15 min

13 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN20.5 Explain anatomical basis of varicose veins and deep vein thrombosis	Early Clinical Exposure		Break 15 min	PY9.10 Discuss the physiological basis of various pregnancy tests -B Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum & BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance ---- <u>C BATCH</u> Assessment - II (Thorax) A-Batch	Lunch 1.00 PM – 2.00 PM	AN49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa Pudendal canal & pudendal block		
Tuesday	PY5.7 Describe and discuss hemodynamic of circulatory system	AN44.3 Describe the formation of rectus sheath and its contents	PY5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms		PY9.10 Discuss the physiological basis of various pregnancy tests -A Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum & BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance ---- <u>B BATCH</u> Assessment - II (Thorax) C-Batch		AN49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa Pudendal canal & pudendal block (Integration with General surgery)		
Wednesday	BI 6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Vitamin-FOLIC ACID (PE-12.18)	PY5.9.1 Describe factors effecting Heart rate	AN79.2 Describe formation & fate of notochord AN79.3 Describe the process of neurulation		PY9.10 Discuss the physiological basis of various pregnancy tests -B Batch PY9.9 Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results -C Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum & BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance ---- <u>A BATCH</u> Assessment - II (Thorax) B-Batch		AN49.1 Describe & demonstrate the superficial & deep perineal pouch (boundaries and contents) (Integration with Obstetrics & Gynaecology)		
Thursday	AN44.5 Explain the anatomical basis of inguinal hernia.	BI 6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Vitamin-PANTHOTHENIC ACID ,B12(PA-15.5)	PY5.9.2 cardiac output definition Factors effecting it and Measurement of cardiac Output		OSPE on PY9.9-B Batch BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance ---- URINE CREATININE ESTIMATION <u>C BATCH</u> AN69.2 Describe the various types and structure-function correlation of blood vessel A-Batch		AN49.2 Describe & identify Perineal body AN49.3 Describe & demonstrate Perineal membrane in male & female	Gross record assignment & viva Histology record assignment & viva	
Friday	AITO –Polycystic Ovarian Syndrome Anatomy & diseases of ovary				OSPE on PY9.9-A Batch BI11.7 Demonstrate estimation of serum creatinine and creatinine clearance ---- URINE CREATININE ESTIMATION - <u>B BATCH</u> AN69.2 Describe the various types and structure-function correlation of blood vessel C-Batch		PY5.13 Record and interpret normal ECG in a volunteer or simulated environment		
Saturday	Tutorial on PY9.1 to PY9.12		Community Medicine		OSPE on PY9.9-C Batch BI11.7 Demonstrate estimation of serum creatinine and creatinine clearance ---- URINE CREATININE ESTIMATION - -- <u>A BATCH</u> AN69.2 Describe the various types and structure-function correlation of blood vessel B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY5-Assignment 4 on Cardiac Output,

14 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	11.15 – 1.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN44.7 Enumerate common Abdominal incisions	PY5.6 ECG Interpretation - Visit to General Medicine Ward		PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment-B Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum & BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio -- BI 11.22 --- C BATCH AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Hip bone -I). Identify & describe joints formed by the given bone A-Batch	AN15.2 Describe and demonstrate major muscles of anterior compartment of thigh with their attachment, nerve supply and actions		
Tuesday	PY5.9.3 define blood pressure and Methods of measuring it	AN45.1 Describe Thoracolumbar fascia AN45.3 Mention the major subgroups of back muscles, nerve supply and action	PY5.9.4 long term and short term Control of blood pressure	PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment-A Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum & BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio ---BI 11.22 --- B BATCH AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Hip bone -I). Identify & describe joints formed by the given bone C-Batch	AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh		
Wednesday	BI 6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Vitamin-C (DR-17.3-PE-12.19 TO 12.21)	PY5.10.1 Describe & discuss regional circulation including microcirculation ,	AN79.4 Describe the development of somites and intra-embryonic coelom	PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment-C Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum & BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio --BI 11.22 --- A BATCH AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Hip bone -I). Identify & describe joints formed by the given bone B-Batch	AN15.3 Describe and demonstrate boundaries, floor, roof and contents of femoral triangle AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia (Integration with General surgery)		PY5-Assignment 5 on Blood Pressure
Thursday	AN46.4 Explain the anatomical basis of Varicocele AN46.5 Explain the anatomical basis of Phimosis & Circumcision	BI6.6 Describe the biochemical processes involved in generation of energy in cells (ETC).	PY5.10.2 lymphatic circulation, Coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation	PY5.14 Observe cardiovascular autonomic function tests in a volunteer or simulated environment-B Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum & BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio --BI 11.22 --- C BATCH AN69.3 Describe the ultrastructure of blood vessels A-Batch	AN15.5 Describe and demonstrate adductor canal with its content		Gross record assignment & viva Histology record assignment & viva
Friday	(AN47.3 Explain anatomical basis of Ascites & Peritonitis AN47.4 Explain anatomical basis	SDL on PY9.1 to PY9.12	Biochemistry SDL	PY5.14 Observe cardiovascular autonomic function tests in a volunteer or simulated environment-A Batch BI11.21 Demonstrate estimation of glucose,	Tutorial on PY9.1 to PY9.12		

Break 15 min

Lunch 1.00 PM – 2.00 PM

	of Subphrenic abscess)			creatinine, urea and total protein in serum & BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio -- BI 11.22 -- <u>B</u> BATCH AN69.3 Describe the ultrastructure of blood vessels C-Batch			
Saturday	Written assessment 1 on PY9.1 to PY9.12		Community Medicine	PY5.14 Observe cardiovascular autonomic function tests in a volunteer or simulated environment-C Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum & BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio -- BI 11.22 -- <u>A</u> BATCH AN69.3 Describe the ultrastructure of blood vessels B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY5-Assignment 6 on Lymphatic, Cerebral, Coronary circulation

15Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture). Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	Early Clinical Exposure		Break 15 min	PY11.13 Obtain history and perform general examination in the volunteer / simulated environment-B Batch BI11.9 Demonstrate the estimation of serum total cholesterol and HDL- cholesterol -- <u>C BATCH</u> AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Femur) Identify & describe joints formed by the given bone A-Batch	Lunch 1.00 PM – 2.00 PM	AN16.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region		
Tuesday	PY5.11.1 Describe the patho-physiology of shock,	AN47.7 Mention the clinical importance of Calot's triangle AN47.10 Enumerate the sites of portosystemic anastomosis AN47.11 Explain the anatomic basis of hematemesis & caput medusae in portal hypertension	PY5.11.2 syncope and heart failure		PY11.13 Obtain history and perform general examination in the volunteer / simulated environment-A Batch BI11.9 Demonstrate the estimation of serum total cholesterol and HDL- cholesterol <u>B-BATCH</u> AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Femur) Identify & describe joints formed by the given bone C-Batch		AN16.2 Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections AN16.3 Explain the anatomical basis of Trendelenburg sign		
Wednesday	BI.6.6 Describe the biochemical processes involved in generation of energy in cells. (OXIDATIVE PHOSPHORYLATION)	PY4.1 Describe the structure and functions of digestive system	AN79.5 Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygeal teratomas, neural tube defects		PY11.13 Obtain history and perform general examination in the volunteer / simulated environment-C Batch BI11.9 Demonstrate the estimation of serum total cholesterol and HDL- cholesterol <u>A – BATCH</u> AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Femur) Identify & describe joints formed by the given bone B-Batch		AN16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa		PY5-Assignment 7 on Shock
Thursday	AN47.12 Describe important nerve plexuses of posterior abdominal wall	BI3.2 Describe the processes involved in digestion and assimilation of carbohydrates and storage (PY 4.2 & 4.4)	PY4.5 Describe the source of GIT hormones, their regulation and functions		PY5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment-B Batch BI11.10 Demonstrate the estimation of triglycerides---LIPID PROFILE <u>C BATCH</u> AN70.1 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini A-Batch		AN16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa		Gross record assignment & viva Histology record assignment & viva

Friday	<p style="text-align: center;">Horizontal Integration Anatomy of stomach Physiology Biochemistry GIT –HORMONES</p>		PY5.15 Demonstrate the correct clinical examination of the cardiovascularsystem in a normal volunteer or simulated environment-A Batch BI11.10Demonstrate the estimation of triglycerides---LIPID PROFILE <u>B – BATCH</u> AN70.1 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini C-Batch	PY6.11 Clinical Charts & Calculations		
Saturday	PY5.17 Clinical Charts & Calculations	Community Medicine	PY5.15 Demonstrate the correct clinical examination of the cardiovascularsystem in a normal volunteer or simulated environment-C Batch BI11.10Demonstrate the estimation of triglycerides---LIPID PROFILE <u>A – BATCH</u> AN70.1 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	

16 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	11.15 – 1.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN47.14 Describe the abnormal openings of thoracoabdominal diaphragm and diaphragmatic hernia	Early Clinical Exposure		PY5.16 Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment -B Batch BI11.11 Demonstrate estimation of calcium and phosphorous – C BATCH AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Patella) Identify & describe joints formed by the given bone A-Batch		AN16.4 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions	
Tuesday	PY4.2.1 Describe the composition, mechanism of secretion, functions, and regulation of saliva	AN48.4 Describe the branches of sacral plexus	PY4.2.2.1 Describe the composition, mechanism of secretion of gastric juice	PY5.16 Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment -A Batch BI11.11 Demonstrate estimation of calcium and phosphorous – B BATCH AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Patella) Identify & describe joints formed by the given bone C-Batch		AN16.5 Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh	
Wednesday	BI 3.3 Describe and discuss the digestion and assimilation of carbohydrates from food.	PY4.2.2.2 Describe the composition, mechanism of functions, and regulation of gastric juice	AN79.6 Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein	PY5.16 Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment -C Batch BI11.11 Demonstrate estimation of calcium and phosphorous – A BATCH AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Patella) Identify & describe joints formed by the given bone B-Batch	Lunch 1.00 PM – 2.00 PM	AN19.1 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions	
Thursday	AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus. Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation	BI 3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). Glycolysis (OP 7.1, PY-3.11 & PA 16.1)	PY4.2.3 Describe the composition, mechanism of secretion, functions, and regulation of pancreatic juice and intestinal juice	PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment. -B Batch BI11.12 Demonstrate the estimation of serum bilirubin – C BATCH AN70.2 Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen and correlate the structure with function A-Batch		AN19.2 Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg	PY4-Assignment 1 on Phases and Mechanism of Gastric Secretion and its regulation. Physiological basis of Gastric ulcer treatment Gross record assignment & viva Histology record assignment & viva
Friday	Horizontal Integration Anatomy of pancreas Physiology Biochemistry PANCREATIC FUNCTION TESTS EXOCRINE			PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment. - A Batch BI11.12 Demonstrate the estimation of serum bilirubin – B BATCH AN70.2 Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen and correlate the structure with function C-Batch		Tutorial on PY6.1 to PY6.3.2	

Break 15 min

Saturday	Tutorial on PY6.1 to PY6.3.2	Community Medicine	<p>PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment. -C Batch</p> <p>BI11.12 Demonstrate the estimation of serum bilirubin – A_BATCH</p> <p>AN70.2 Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen and correlate the structure with function B-Batch</p>	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY4-Assignment 2 on Composition, Mechanism of secretion and regulation of Pancreatic juice.
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17 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	11.15 – 1.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN48.6 Describe the neurological basis of Automatic bladder	Early Clinical Exposure		PY6.8 Demonstrate the correct technique to perform & interpret Spirometry -B Batch BI11.13 Demonstrate the estimation of SGOT/ SGPT BI 2.2 --C BATCH AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Tibia) Identify & describe joints formed by the given bone A-Batch	AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment Dissection of sole		
Tuesday	PY4.7 + PY4.2.4 Describe & discuss the structure and functions of liver and gallbladder. Describe the composition, mechanism of secretion, functions, and regulation of bile juice	AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer	PY4.3.2 Describe GIT movements - gastric motility and emptying , MMC	PY6.8 Demonstrate the correct technique to perform & interpret Spirometry -A Batch BI11.13 Demonstrate the estimation of SGOT/ SGPT BI 2.2 --B BATCH AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Tibia) Identify & describe joints formed by the given bone C-Batch	Dissection of sole		
Wednesday	BI 3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). GLYCOGEN METABOLISM	PY4.3.2 Describe GIT movements - small and large intestine motility, defecation, role of dietary fibres	AN80.1 Describe formation, functions & fate of-chorion: amnion; yolk sac; allantois & decidua	PY6.8 Demonstrate the correct technique to perform & interpret Spirometry -C Batch BI11.13 Demonstrate the estimation of SGOT/ SGPT BI 2.2 --A BATCH AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Tibia) Identify & describe joints formed by the given bone B-Batch	AN20.2 Describe the subtalar and transverse tarsal joints		
Thursday	AN48.8 Mention the structures palpable during vaginal & rectal examination AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure	BI3.6 Describe and discuss the concept of TCA cycle as a amphibolic pathway and its regulation	PY4.7 + PY4.2.4 Describe & discuss the structure and functions of liver and gallbladder. Describe the composition, mechanism of secretion, functions, and regulation of bile juice	PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment-B Batch BI11.14 Demonstrate the estimation of alkaline phosphatase – C BATCH AN70.2 Describe microanatomy of thymus, tonsil and correlate the structure with function A-Batch	AN17.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the hip joint	PY4-Assignment 3 on Enumerate the type of Movements exhibited by different parts of GIT.Role of Prokinetics and anti-emetics Gross record assignment & viva Histology record assignment & viva	
Friday	Horizontal Integration Anatomy of Liver Physiology Biochemistry LIVER FUNCTION TESTS			PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment-A Batch BI11.14 Demonstrate the estimation of alkaline phosphatase – B BATCH AN70.2 Describe microanatomy of thymus, tonsil and correlate the structure with function C-Batch	Tutorial on PY6.1 to PY6.3.2		

Break 15 min

Lunch 1.00 P
M – 2.00 PM

Saturday	Written assessment 1 on PY6.1 to PY6.3.2	Community Medicine	PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment -C Batch BI11.14 Demonstrate the estimation of alkaline phosphatase – <u>A BATCH</u> AN70.2 Describe microanatomy of thymus, tonsil and correlate the structure with function B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY4-Assignment 4 on Types of Jaundice and their Physiological basis. Interpretation of Lab. Reports..
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18 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN50.1 Describe the curvatures of the vertebral column AN50.4 Explain the anatomical basis of Scoliosis, Lordosis, Prolapsed disc, Spondylolisthesis & Spina bifida AN50.3 Describe lumbar puncture (site, direction of the needle, structures pierced during the lumbar puncture)	PY2.5 Visit to General Medicine Ward- Jaundice		Break 15 min	OSCE on PY5.15-B Batch BI11.15 Describe & discuss the composition of CSF <u>C BATCH</u> AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Fibula) Identify & describe joints formed by the given bone A-Batch	Lunch 1.00 PM – 2.00 PM	AN18.1 Describe and demonstrate major muscles of anterior compartment of leg with their attachment, nerve supply and actions AN18.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg		
Tuesday	PY4.4 Describe the physiology of digestion and absorption of nutrients	AN26.6 Explain the concept of bones that ossify in membrane	PY4.8.1 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests		OSCE on PY5.15-A Batch BI11.15 Describe & discuss the composition of CSF <u>B BATCH</u> AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Fibula) Identify & describe joints formed by the given bone C-Batch		Dorsum of foot		
Wednesday	BI 3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). GLUCONEOGENESIS	PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease	AN80.2 Describe formation & structure of umbilical cord AN80.7 Describe various types of umbilical cord attachments		OSCE on PY5.15-C Batch BI11.15 Describe & discuss the composition of CSF <u>A BATCH</u> AN14.1 & AN14.2 Identify the given bone, its side, important features & keep it in anatomical position (Fibula) Identify & describe joints formed by the given bone B-Batch		AN18.3 Explain the anatomical basis of foot drop Lateral compartment of leg.		
Thursday	AN27.2 Describe emissary veins with its role in spread of infection from extracranial route to intracranial venous sinuses AN28.8 Explain surgical importance of deep facial vein AN33.4 Explain the clinical significance of pterygoid venous plexus	BI 3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). HMP PATHWAY (PA-16.2)	PY4.6 Describe the Gut-Brain Axis		PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment -B Batch BI11.15 Describe & discuss the composition of CSF <u>C BATCH</u> AN71.1 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same A-Batch		AN18.4 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint AN18.5 Explain the anatomical basis of locking and unlocking of the knee joint	Gross record assignment & viva Histology record assignment & viva	
Friday	AITO- Jaundice BILIRUBIN METABOLISM (AN54.3 Describe role of ERCP, CT abdomen, MRI, Arteriography in radiodiagnosis of abdomen)				PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment -A Batch BI11.15 Describe & discuss the composition of CSF <u>B BATCH</u> AN71.1 Identify bone under the microscope; classify various types and describe the structure-		Tutorial on PY6.0.1, PY6.0.2, PY6.4 to PY6.6		

			function correlation of the same C-Batch			
Saturday	Tutorial on PY6.0.1,PY6.0.2,PY6.4 to PY6.6	Community Medicine	<p>PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment -C Batch</p> <p>BI11.15 Describe & discuss the composition of CSF</p> <p><u>A_BATCH</u></p> <p>AN71.1 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same B-Batch</p>		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES

19 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	11.15 – 1.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN28.10 Explain the anatomical basis of Frey's syndrome AN29.2 Explain anatomical basis of Erb's & Klumpke's palsy AN29.3 Explain anatomical basis of wry neck	PY4.8.2 Demonstration : Esophageal manometry and endoscopy-Visit to Gastroenterology OP		Revision-B Batch BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: ---- •Quality control <u>C BATCH</u> AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment A-Batch	Lunch 1.00 PM – 2.00 PM	AN20.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint	
Tuesday	PY7.1 + PY7.01 Describe structure and function of kidney and Nephron, renal blood flow	AN30.4 Describe clinical importance of dural venous sinuses	PY7.3.1 + PY7.2 Describe the mechanism of urine formation involving processes of filtration. Describe the structure and functions of juxta glomerular apparatus and role of renin-angiotensin system	Revision-A Batch BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: ---- •Quality control <u>B BATCH</u> AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment C-Batch		AN20.3 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb	
Wednesday	BI3.5 Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders BI 3.7 Describe the common poisons that inhibit crucial enzymes of carbohydrate metabolism (eg; fluoride, arsenate)	PY7.3.2 Describe the mechanism of tubular reabsorption & secretion	AN80.3 Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier AN80.5 Describe role of placental hormones in uterine growth & parturition	Revision-C Batch BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: ---- •Quality control <u>A BATCH</u> AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment B-Batch		AN20.8 Identify & demonstrate palpation of femoral, popliteal, post tibial, anti tibial & dorsalis pedis blood vessels in a simulated environment	
Thursday	AN30.5 Explain effect of pituitary tumours on visual pathway	BI 3.9 Discuss the mechanism and significance of blood glucose regulation in health and disease	PY7.3.3 Describe the mechanism of concentration and diluting mechanism of urine.	Revision-B Batch BI11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet – <u>C BATCH</u> AN71.2 Identify cartilage under the microscope & describe various types and structure- function correlation of the same A-Batch		AN20.9 Identify & demonstrate Palpation of vessels (femoral, popliteal, dorsalis pedis, post tibial), Mid inguinal point, Surface projection of: femoral nerve, Saphenous opening, Sciatic, tibial, common peroneal & deep peroneal nerve, Great and small saphenous veins	PY7.-Assignment 1 on Structure of Nephron Gross record assignment & viva Histology record assignment & viva
Friday	Horizontal Integration Anatomy of kidney Physiology Biochemistry KIDNEY FUNCTION TESTS			Revision-A Batch BI11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet – <u>B BATCH</u> AN71.2 Identify cartilage under the microscope & describe various types and structure- function correlation of the same C-Batch		Tutorial on PY6.0.1, PY6.0.2, PY6.4 to PY6.6	

Break 15 min

Saturday	Written assessment 2 on PY6.0.1,PY6.0.2,PY6.4 to PY6.6	Community Medicine		Revision-C Batch BI11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet – <u>A-BATCH</u> AN71.2 Identify cartilage under the microscope & describe various types and structure- function correlation of the same B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY7.-Assignment 2 on Formation & Concentration of urine
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20 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	11.15 – 1.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN31.4 Enumerate components of lacrimal apparatus AN31.3 Describe anatomical basis of Horner's syndrome	Early Clinical Exposure		OSPE on PY5.16-B Batch BI11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food. C – BATCH Assessment - III (Lower limb) A-Batch	AN20.6 Identify the bones and joints of lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb		
Tuesday	PY7.5.1 Describe the renal regulation of fluid	AN31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus	PY7.5.2 Describe the renal regulation of electrolytes	OSPE on PY5.16-A Batch BI11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food. B – BATCH Assessment - III (Lower limb) C-Batch	PCT on lower limb & perineum		Record submission & regional assessment on Lower limb & Perineum
Wednesday	BI6.7 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these. -Water & electrolytes (PY-4.9)	PY7.5.3 Describe renal regulation acid-base balance	AN80.4 Describe embryological basis of twinning in monozygotic & dizygotic twins	OSPE on PY5.16-C Batch BI11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food. A – BATCH Assessment - III (Lower limb) B-Batch	AN44.1 Describe & demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen (Integration with General surgery)		
Thursday	AN33.5 Describe the features of dislocation of temporomandibular joint	BI6.7 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these -P ^H regulation (PY-4.9)	PY7.6 + PY7.9 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities + Describe cystometry and discuss the normal cystometrogram	OSCE on PY5.12 with 3 certifications-B Batch BI2.7 Interpret laboratory results of enzyme activities & describe the clinical utility of various enzymes as markers of pathological conditions --- (DOAP) C- BATCH AN72.1 Identify the skin and its appendages under the microscope and correlate the structure with function A-Batch	AN55.1 Demonstrate the surface marking of; Regions and planes of abdomen, Superficial inguinal ring, Deep inguinal ring , McBurney's point, Renal Angle & Murphy's point (Integration with General surgery)		PY7.-Assignment 3 on Renal regulation of Acid –Base balance. Gross record assignment & viva Histology record assignment & viva
Friday	(AN34.2 Describe the basis of formation of submandibular stones)	Horizontal Integration ACID-BASE BALANCE Physiology Biochemistry		OSCE on PY5.12 with 3 certifications-A Batch BI2.7 Interpret laboratory results of enzyme activities & describe the clinical utility of various enzymes as markers of pathological conditions--- (DOAP) B – BATCH AN72.1 Identify the skin and its appendages under the microscope and correlate the structure with function C-Batch	Viva voce on PY6.1 to PY6.10		
Saturday	Tutorial on PY5.1 to PY5.9		Community Medicine	OSCE on PY5.12 with 3 certifications-C Batch BI2.7 Interpret laboratory results of enzyme activities & describe the clinical utility of various enzymes as markers of pathological conditions --- (DOAP) A - BATCH AN72.1 Identify the skin and its appendages under the microscope and correlate the structure with function B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY7.-Assignment 4 on Micturation Reflex

Break 15 min

Lunch 1.00 PM – 2.00 PM

21 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	11.15 – 1.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions	
Monday	AN35.1 Describe the parts, extent, attachments, modifications of deep cervical fascia AN35.10 Describe the fascial spaces of neck	Early Clinical Exposure		OSCE on PY5.15-B Batch BI3.8 Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates -(-SGD) <u>C-BATCH</u> AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups(Hip bone -II) A-Batch	Lunch 1.00 PM – 2.00 PM	AN44.6 Describe & demonstrate attachments of muscles of anterior abdominal wall		
Tuesday	PY7.7 + PY7.02 Describe diuretics, artificial kidney, dialysis, Renal transplantation	AN35.7 Describe the course and branches of IX & X nerve in the neck	PY7.4 + PY7.8 Describe & discuss the significance & implication of Renal clearance. Describe & discuss Renal Function Tests	OSCE on PY5.15-A Batch BI3.8 Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates -(-SGD) <u>B –BATCH</u> AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups(Hip bone -II) C-Batch		AN44.2 Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall Rectus sheath		
Wednesday	BI6.7 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these. --ABNORMALITIES	PY8.6 Describe & differentiate the mechanism of action of steroid, protein and amine hormones	AN80.6 Explain embryological basis of estimation of fetal age.	OSCE on PY5.15-C Batch BI3.8 Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates -(-SGD) <u>A –BATCH</u> AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups(Hip bone -II) B-Batch		AN44.4 Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach’s triangle. (Integration with General surgery)		
Thursday	AN35.7 Describe the course and branches of XI & XII nerve in the neck	BI4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism (PY-4.2&4.7)	PY8.2.1.1 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland.	OSPE on PY5.16-B Batch BI3.10 Interpret the results of blood glucose levels and other laboratory investigations related to disorders of carbohydrate metabolism –(SGD) <u>C –BATCH</u> Assessment - I (General histology) A-Batch		AN44.4 Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach’s triangle. (Integration with General surgery)	PY7.-Assignment 5 on Renal Function Tests Gross record assignment & viva Histology record assignment & viva	
Friday	AITO- Ischemic Heart Disease LIPIDS ,LIPOPROTEINS ,ENZYMES AN22.4 Describe anatomical basis of ischaemic heart disease			OSPE on PY5.16-A Batch BI3.10 Interpret the results of blood glucose levels and other laboratory investigations related to disorders of carbohydrate metabolism –(SGD) <u>B –BATCH</u> Assessment - I (General histology) C-Batch		Tutorial on PY5.1 to PY5.9		
Saturday	Tutorial on PY5.1 to PY5.9		Community Medicine	OSPE on PY5.16-C Batch BI3.10 Interpret the results of blood glucose levels and other laboratory investigations related to disorders of carbohydrate metabolism –(SGD) <u>A –BATCH</u> Assessment - I (General histology) B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	

Break 15 min

22 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	11.15 – 1.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate AN36.2 Describe the components and functions of Waldeyer's lymphatic ring AN36.4 Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess	Early Clinical Exposure		Revision-B Batch BI4.5 Interpret laboratory results of analytes associated with metabolism of lipids ---BI 4.7 -C BATCH AN53.2 Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet A-Batch	Lunch 1.00 PM – 2.00 PM	Exposure of kidney from back by following Morris parallelogram Thoracolumbar fascia.	
Tuesday	PY8.2.1.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland.	AN36.3 Describe the boundaries and clinical significance of pyriform fossa	PY8.2.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of thyroid gland	Revision-A Batch BI4.5 Interpret laboratory results of analytes associated with metabolism of lipids ---BI 4.7 -B- BATCH AN53.2 Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet C-Batch		AN46.1 Describe & demonstrate coverings, internal structure, side determination, blood supply, nerve supply, lymphatic drainage & descent of testis with its applied anatomy AN46.2 Describe parts of Epididymis AN46.3 Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage) (Integration with General surgery)	
Wednesday	BI4.4 Describe the structure and functions of lipoproteins, their functions, interrelations & relations with atherosclerosis	PY8.4.1 Describe function tests: Thyroid gland	AN81.1 Describe various methods of prenatal diagnosis AN81.2 Describe indications, process and disadvantages of amniocentesis AN81.3 Describe indications, process and disadvantages of chorion villus biopsy	Revision-C Batch BI4.5 Interpret laboratory results of analytes associated with metabolism of lipids ---BI 4.7 -A – BATCH AN53.2 Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet B-Batch		AN47.2 Name & identify various peritoneal folds & pouches with its explanation (Integration with General surgery)	
Thursday	AN36.5 Describe the clinical significance of Killian's dehiscence	BI4.4 Describe the structure and functions of lipoproteins, their functions, interrelations & relations with atherosclerosis (IM-2.3)	PY8.2.4.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of adrenal gland	Revision-B Batch BI5.5 Interpret laboratory results of analytes associated with metabolism of proteins -C- BATCH AN25.1 Identify, draw and label a slide of trachea and lung A-Batch		AN47.1 Describe & identify boundaries and recesses of Lesser & Greater sac (Integration with General surgery)	Gross record assignment & viva Histology record assignment & viva
Friday	Horizontal Integration Anatomy of Thyroid Gland Physiology Biochemistry THYROID FUNCTION TESTS			Revision-A Batch BI5.5 Interpret laboratory results of analytes associated with metabolism of proteins -B- BATCH AN25.1 Identify, draw and label a slide of trachea and lung C-Batch		Tutorial on PY5.1 to PY5.9	
Saturday	Written assessment 1 on PY5.1 to PY5.9		Community Medicine	Revision-C Batch BI5.5 Interpret laboratory results of analytes associated with metabolism of proteins -A- BATCH AN25.1 Identify, draw and label a slide of trachea and lung B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES

Break 15 min

23 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN35.9 Describe the clinical features of compression of subclavian artery and lower trunk of brachial plexus by cervical rib	Early Clinical Exposure		Break 15 min	OSPE on PY6.8 & PY6.10-B Batch BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders – <u>C BATCH</u> AN53.3 Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis A-Batch	Lunch 1.00 PM – 2.00 PM	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)- spleen (Integration with General surgery)		
Tuesday	PY8.2.4.1 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of adrenal gland	AN37.2 Describe location and functional anatomy of paranasal sinuses AN37.3 Describe anatomical basis of sinusitis & maxillary sinus tumours	PY8.4 .2 Describe function tests: Adrenal cortex & Adrenal medulla		OSPE on PY6.8 & PY6.10-A Batch BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders – <u>B BATCH</u> AN53.3 Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis C-Batch		AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)- stomach (Integration with General surgery)	PY8.-Assignment 2 on Hyperthyroidism, Hypothyroidism, Cretinism & Myxedema	
Wednesday	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders	PY8.2.5 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pancreas	AN9.3 Describe development of breast		OSPE on PY6.8 & PY6.10-C Batch BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders <u>A BATCH</u> AN53.3 Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis B-Batch		AN47.9 Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery		
Thursday	AN38.2 Describe the anatomical aspects of laryngitis AN38.3 Describe anatomical basis of recurrent laryngeal nerve injury	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders (IM-2.18)	PY8.5 Describe the metabolic and endocrine consequences of obesity & metabolic syndrome, Stress response. Outline the psychiatry component pertaining to metabolic syndrome.		OSCE on PY6.9 with certifications-B Batch BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders – <u>C BATCH</u> AN43.2 Identify, describe and draw the microanatomy of tongue, salivary glands, epiglottis A-Batch		AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)- small intestine (Integration with General surgery)	PY8.-Assignment 3 on Cushing syndrome, Adrenogenital syndrome & Addison disease Gross record assignment & viva Histology record assignment & viva	
Friday	Horizontal Integration Anatomy of Adrenal gland Physiology Biochemistry ADRENAL FUNCTION TESTS				OSCE on PY6.9 with certifications-A Batch BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders – <u>B BATCH</u> AN43.2 Identify, describe and draw the microanatomy of tongue, salivary glands, epiglottis C-Batch		Tutorial on PY5.10 to PY5.11		

Saturday	Tutorial on PY5.10 to PY5.11	Community Medicine	OSCE on PY6.9 with certifications-C Batch BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders <u>A BATCH</u> AN43.2 Identify, describe and draw the microanatomy of tongue, salivary glands, epiglottis B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY8.-Assignment 4 on Glucagon , Insulin & Diabetes mellitus
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24 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN39.2 Explain the anatomical basis of hypoglossal nerve palsy	Early Clinical Exposure		Break 15 min	PY7.9 Clinical Charts & Calculations -B Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - diabetes mellitus –C BATCH AN53.4 Identify & hold the bone in the anatomical position, Describe the salient features of lumbar vertebrae A-Batch	Lunch 1.00 PM – 2.00 PM	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)- large intestine (Integration with General surgery)		
Tuesday	PY8.2.6 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of hypothalamus	AN40.3 Describe the features of internal ear	PY8.3 Describe the physiology of Thymus & Pineal Gland		PY7.9 Clinical -Charts & Calculations A Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - diabetes mellitus – B BATCH AN53.4 Identify & hold the bone in the anatomical position, Describe the salient features of lumbar vertebrae C-Batch		AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)- large intestine (Integration with General surgery)		
Wednesday	BI4.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis	PY8.2.3 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of parathyroid gland	AN13.8 Describe development of upper limb		PY7.9 Clinical Charts & Calculations -C Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - diabetes mellitus –A – BATCH AN53.4 Identify & hold the bone in the anatomical position, Describe the salient features of lumbar vertebrae B-Batch		AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) - Liver & extrahepatic biliary apparatus (Integration with General surgery)		
Thursday	AN40.4 Explain anatomical basis of otitis externa and otitis media AN40.5 Explain anatomical basis of myringotomy	BI 5.3 Describe the digestion and absorption of dietary proteins PY 4.2	PY8.1 Describe the physiology of bone and calcium metabolism		Revision-B Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: -- dyslipidemia C-BATCH AN52.1& AN52.3 Describe & identify the microanatomical features of Oesophagus, Fundus of stomach and Pylorus of stomach. Describe & identify the microanatomical features of Cardiooesophageal junction		AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) - Liver & extrahepatic biliary apparatus (Integration with General surgery)	Gross record assignment & viva Histology record assignment & viva	

				A-Batch			
Friday	(AN41.2 Describe the anatomical aspects of cataract, glaucoma & central retinal artery occlusion AN41.3 Describe the position, nerve supply and actions of intraocular muscles)	Horizontal Integration Physiology Biochemistry CALICUM & PHOSPHORUS		Revision-A Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: -- dyslipidemia B-BATCH AN52.1& AN52.3 Describe & identify the microanatomical features of Oesophagus, Fundus of stomach and Pylorus of stomach. Describe & identify the microanatomical features of Cardiooesophageal junction C-Batch	Tutorial on PY5.10 to PY5.11		
Saturday	Written assessment 2 on PY5.10 to PY5.11		Community Medicine	Revision-C Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: -- dyslipidemia A-BATCH AN52.1& AN52.3 Describe & identify the microanatomical features of Oesophagus, Fundus of stomach and Pylorus of stomach . Describe & identify the microanatomical features of Cardiooesophageal junction B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY8.-Assignment 5 on Functions of pineal gland & thymus

25 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN42.3 Describe the position, direction of fibres, relations, nerve supply, actions of semispinalis capitis and splenius capitis	Early Clinical Exposure		Break 15 min	PY8.7 Clinical Charts : Gigantism Acromegaly Pituitary dwarf Cretinism Myxedema Grave' disease Carpopedal spasm / Tetany Cushing's Syndrome -B Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - - myocardial infarction –C BATCH AN53.4 Identify & hold the bone in the anatomical position, Describe the salient features of sacrum A-Batch	Lunch 1.00 PM – 2.00 PM	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)- suprarenal gland & kidneys (Integration with General surgery)		
Tuesday	PY8.4.3 Describe function tests: Pancreas	AN25.2 Describe development of pleura	PY10.1 Describe and discuss the organization of nervous system		PY8.7 Clinical Charts : Gigantism Acromegaly Pituitary dwarf Cretinism Myxedema Grave' disease Carpopedal spasm / Tetany Cushing's Syndrome -A Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - - myocardial infarction –B BATCH AN53.4 Identify & hold the bone in the anatomical position, Describe the salient features of sacrum C-Batch		AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)- suprarenal gland & kidneys (Integration with General surgery)		
Wednesday	BI 5.3 Describe the digestion and absorption of dietary proteins PY 4.9	PY10.2.1 + PY10.10 Describe and discuss the functions and properties of synapse. Describe and discuss chemical transmission in the nervous system. (Outline the psychiatry element).	AN56.2 Describe circulation of CSF with its applied anatomy		PY8.7 Clinical Charts : Gigantism Acromegaly Pituitary dwarf Cretinism Myxedema Grave' disease Carpopedal spasm / Tetany Cushing's Syndrome -C Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - - myocardial infarction –A BATCH AN53.4 Identify & hold the bone in the anatomical		AN47.8 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein Duodenum & pancreas		

				position, Describe the salient features of sacrum B-Batch			
Thursday	AN25.2 Describe development of lung	BI 5.4 Describe common disorders associated with protein metabolism	PY10.2.2 Describe and discuss the functions and properties of Receptors	Revision-B Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - renal failure, nephrotic syndrome <u>C- BATCH</u> AN52.1 Describe & identify the microanatomical features of Duodenum, Jejunum and Ileum A-Batch	AN47.13 Describe & demonstrate the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm		Gross record assignment & viva Histology record assignment & viva
Friday	Horizontal Integration Anatomy of Pancreas Physiology Biochemistry PANCREAS ENDOCRINE			Revision-A Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - renal failure, nephrotic syndrome <u>B – BATCH</u> AN52.1 Describe & identify the microanatomical features of Duodenum, Jejunum and Ileum C-Batch	Viva voce on PY5.1 to PY5.16		
Saturday	Tutorial on PY4.1 to PY4.9		Community Medicine	Revision-C Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - renal failure, nephrotic syndrome <u>A - BATCH</u> AN52.1 Describe & identify the microanatomical features of Duodenum, Jejunum and Ileum B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY8.-Assignment 6 on Thyroid function tests

26 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN57.2 Describe extent of spinal cord in child & adult with its clinical implication	Early Clinical Exposure			Revision-B Batch BI6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions -- gout --- <u>C BATCH</u> AN53.4 Explain and demonstrate clinical importance of bones of abdominopelvic region (sacralization of lumbar vertebra, Lumbarization of 1st sacral vertebra, types of bony pelvis & Coccyx) A-Batch		AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery (Integration with General surgery)		
Tuesday	PY10.3.1 Describe and discuss somatic sensations & sensory tracts	AN25.2 Describe development of heart	PY10.3.2.1 Physiology of pain and temperature - part 1	Break 15 min	Revision-A Batch BI6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions -- gout --- <u>B BATCH</u> AN53.4 Explain and demonstrate clinical importance of bones of abdominopelvic region (sacralization of lumbar vertebra, Lumbarization of 1st sacral vertebra, types of bony pelvis & Coccyx) C-Batch	Lunch 1.00 PM – 2.00 PM	AN45.2 Describe & demonstrate Lumbar plexus for its root value, formation & branches AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia		
Wednesday	BI 5.4 Describe common disorders associated with protein metabolism	PY10.3.2.2 Physiology of pain and temperature - part 2	AN57.3 Draw & label transverse section of spinal cord at mid-cervical & midthoracic level		Revision-C Batch BI6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions -- gout --- <u>A BATCH</u> AN53.4 Explain and demonstrate clinical importance of bones of abdominopelvic region (sacralization of lumbar vertebra, Lumbarization of 1st sacral vertebra, types of bony pelvis & Coccyx) B-Batch		Pelvic fascia & disposition of pelvic viscera peritoneal relations		PY10-Assignment 1 on Properties of synaptic transmission

Thursday	AN25.2 Describe development of heart	BI 5.4 Describe common disorders associated with protein metabolism	PY10.7.1 Describe and discuss functions of Cerebral cortex	Revision-B Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - - proteinuria, edema <u>C BATCH</u> AN52.1 Describe & identify the microanatomical features of Large intestine and Appendix A-Batch	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera – Urinary bladder		Gross record assignment & viva Histology record assignment & viva
Friday	AITO-Thyroid Diseases AN35.8 Describe the anatomically relevant clinical features of Thyroid swellings			Revision-A Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - - proteinuria, edema <u>B BATCH</u> AN52.1 Describe & identify the microanatomical features of Large intestine and Appendix C-Batch	Tutorial on PY4.1 to PY4.9		
Saturday	Tutorial on PY4.1 to PY4.9		Community Medicine	Revision-C Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - - proteinuria, edema <u>A – BATCH</u> AN52.1 Describe & identify the microanatomical features of Large intestine and Appendix B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY10-Assignment 2 on Pathways of somatosensory system

27 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN57.4 Enumerate ascending & descending tracts at mid thoracic level of spinal cord	PY10.3 Visit to General Surgery Ward- Referred Pain		Break 15 min	PY10.11.1 Demonstrate the correct clinical examination of the Sensory System in a normal volunteer or simulated environment-B Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - jaundice, - liver diseases, pancreatitis, disorders – <u>C -BATCH</u> Assessment – IV (Abdomen & Pelvis) A-Batch	Lunch 1.00 PM – 2.00 PM	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera – prostate & urethra		
Tuesday	PY10.4.1.1 Describe and discuss motor tracts - pyramidal tract	AN25.3 Describe fetal circulation and changes occurring at birth	PY10.4.1.2 Describe and discuss motor tracts - extrapyramidal tract		PY10.11.1 Demonstrate the correct clinical examination of the Sensory System in a normal volunteer or simulated environment-A Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - jaundice, - liver diseases, pancreatitis, disorders – <u>B -BATCH</u> Assessment – IV (Abdomen & Pelvis) C-Batch		AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera – Female internal genitalia		
Wednesday	BI 6.1 Discuss the metabolic processes that take place in specific organs in the body in the fed and fasting states.	PY10.2.3 Describe and discuss the functions and properties of Reflex	AN57.5 Describe anatomical basis of syringomyelia		PY10.11.1 Demonstrate the correct clinical examination of the Sensory System in a normal volunteer or simulated environment-C Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - jaundice, - liver diseases, pancreatitis, disorders – <u>A -BATCH</u> Assessment – IV (Abdomen & Pelvis) B-Batch		AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera – Rectum and Anal canal	PY10-Assignment 3 on Internal capsule	

Thursday	AN25.4 Describe embryological basis of: 1) atrial septal defect, 2) ventricular septal defect, 3) Fallot's tetralogy & 4) tracheo-oesophageal fistula AN25.5 Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta	BI 6.3 Describe the common disorders associated with nucleotide metabolism BI 6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome	PY10.7.2.1 Describe and discuss functions of cerebellum		PY10.11.2 Demonstrate the correct clinical examination of the Motor System in a normal volunteer or simulated environment-B Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions--disorders of acid- base balance--C BATCH AN52.1 Describe & identify the microanatomical features of Liver and Gall bladder A-Batch	AN48.1 Describe & identify the muscles of Pelvic diaphragm Sagittal section of pelvis		Gross record assignment & viva Histology record assignment & viva
Friday	(AN58.2 Describe transverse section of medulla oblongata at the level of 1)pyramidal decussation, 2) sensory decussation 3) ION)	SDL on PY7.1 to PY7.9	Biochemistry SDL		PY10.11.2 Demonstrate the correct clinical examination of the Motor System in a normal volunteer or simulated environment-A Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions--disorders of acid- base balance- B BATCH AN52.1 Describe & identify the microanatomical features of Liver and Gall bladder C-Batch	Tutorial on PY7.1 to PY7.9		
Saturday	Written assessment 1 on PY4.1 to PY4.9		Community Medicine		PY10.11.2 Demonstrate the correct clinical examination of the Motor System in a normal volunteer or simulated environment-C Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions--disorders of acid- base balance--- A BATCH AN52.1 Describe & identify the microanatomical features of Liver and Gall bladder B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY10-Assignment 4 on pyramidal tracts

28 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group	Early Clinical Exposure		Break 15 min	PY10.11.3 Demonstrate the correct clinical examination of the Reflexes in a normal volunteer or simulated environment-B Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions-- thyroid disorders. --C BATCH AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull A-Batch	Lunch 1.00 PM – 2.00 PM	AN48.3 Describe & demonstrate the origin, course, important relations and branches of internal iliac artery Sacral plexus		
Tuesday	PY10.7.2.2 Describe and discuss functions of cerebellum and their abnormalities	AN25.6 Mention development of aortic arch arteries	PY10.7.3 Describe and discuss functions of basal ganglia and their abnormalities		PY10.11.3 Demonstrate the correct clinical examination of the Reflexes in a normal volunteer or simulated environment-A Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions-- thyroid disorders. --B BATCH AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull C-Batch		AN50.2 Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Sacroiliac joints & Pubic symphysis		
Wednesday	BI 6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome	PY10.4.2 Describe and discuss mechanism of maintenance of tone and control of body movements	AN58.4 Describe anatomical basis & effects of medial & lateral medullary syndrome		PY10.11.3 Demonstrate the correct clinical examination of the Reflexes in a normal volunteer or simulated environment-C Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions-- thyroid disorders. --A BATCH AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull B-Batch		AN54.1 Describe & identify features of plain X ray abdomen AN54.2 Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography & Hysterosalpingography) (Integration with Radiodiagnosis)	PY10-Assignment 5 on UMN & LMN lesions	
Thursday	AN25.6 Mention development of SVC, IVC and coronary sinus	BI 6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism	PY10.4.3 Describe and discuss vestibular apparatus and mechanism of posture and equilibrium		Revision-B Batch BI11.5Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN CARBOHYDRATE --C BATCH AN52.1 Describe & identify the microanatomical features of Pancreas & Suprarenal gland A-Batch		AN54.3 Describe role of ERCP, CT abdomen, MRI, Arteriography in radiodiagnosis of abdomen (Integration with Radiodiagnosis)	Gross record assignment & viva Histology record assignment & viva	

Friday	(AN59.2 Draw & label transverse section of pons at the upper and lower level)	SDL on PY7.1 to PY7.9	Biochemistry SDL	Revision-A Batch BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN CARBOHYDRATE -B BATCH AN52.1 Describe & identify the microanatomical features of Pancreas & Suprarenal gland C-Batch	Viva voce on PY4.1 to PY4.9		
Saturday	Tutorial on PY7.1 to PY7.9		Community Medicine	Revision-C Batch BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN CARBOHYDRATE -A BATCH AN52.1 Describe & identify the microanatomical features of Pancreas & Suprarenal gland B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY10-Assignment 6 on reflex arc

29 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN59.3 Enumerate cranial nerve nuclei in pons with their functional group	Early Clinical Exposure		Break 15 min	Revision-B Batch BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN CARBOHYDRATE –C BATCH (SGD) AN26.2 Describe the features of norma frontalis A-Batch	Lunch 1.00 PM – 2.00 PM	AN51.1 Describe & identify the cross-section at the level of T8, T10 and L1 (transpyloric plane) AN51.2 Describe & identify the midsagittal section of male and female pelvis (Integration with Radiodiagnosis)		
Tuesday	PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances	AN20.10 Describe basic concept of development of lower limb	PY10.7.4 Describe and discuss functions of Thalamus and their abnormalities		Revision-A Batch BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN CARBOHYDRATE –B BATCH(SGD) AN26.2 Describe the features of norma frontalis C-Batch		PCT on Abdomen & pelvis	Record submission & regional assessment on Abdomen & Pelvis	
Wednesday	BI 6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism --- (IRON ,PE-13.1 TO 13.4,PA 14.1)	PY10.7.5 Describe and discuss functions of Hypothalamus and their abnormalities	AN60.2 Describe connections of cerebellar cortex and intracerebellar nuclei		Revision-C Batch BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN CARBOHYDRATE –A BATCH (SGD) AN26.2 Describe the features of norma frontalis B-Batch		AN27.1 Describe the layers of scalp, its blood supply, its nerve supply and surgical importance (Integration with General surgery)	PY10-Assignment 7 on signs of cerebellar disorders	
Thursday	AN52.4 Describe the development of anterior abdominal wall	BI 6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism – (CALICUM & PHOSPHORUS ,PE-13.11-13.12)	PY10.7.6 Describe and discuss functions of Limbic System and their abnormalities		PY10.11.6 Demonstrate the correct clinical examination of the Higher Function in a normal volunteer or simulated environment-B Batch BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN PROTEIN & AMINO ACIDS –C BATCH AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder A-Batch		AN28.1 Describe & demonstrate muscles of facial expression and their nerve supply AN28.2 Describe sensory innervation of face	Gross record assignment & viva Histology record assignment & viva	

Friday	Anatomy (AN60.3 Describe anatomical basis of cerebellar dysfunction)	AITO- Diabetes		PY10.11.6 Demonstrate the correct clinical examination of the Higher Function in a normal volunteer or simulated environment-A Batch BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN PROTEIN & AMINO ACIDS -B BATCH AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder C-Batch	Tutorial on PY7.1 to PY7.9		
Saturday	Written assessment 1 on PY7.1 to PY7.9		Community Medicine	PY10.11.6 Demonstrate the correct clinical examination of the Higher Function in a normal volunteer or simulated environment-C Batch BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN PROTEIN & AMINO ACIDS -A BATCH AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY10-Assignment 8 on Brown Sequard Syndrome

30 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN61.2 Describe internal features of midbrain at the level of superior & inferior colliculus	PY10.3 Visit to General Medicine Ward- UMN & LMN lesions		Break 15 min	PY10.12 Identify normal EEG forms -B Batch BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN PROTEIN & AMINO ACIDS -C BATCH AN26.2 Describe the features of norma verticalis & occipitalis A-Batch	Lunch 1.00 PM – 2.00 PM	AN28.6 Identify superficial muscles of face, their nerve supply and actions		
Tuesday	PY10.9.1 Describe and discuss the physiological basis of Memory and Learning - part 1	AN52.5 Describe the development and congenital anomalies of Diaphragm	PY10.9.2 Describe and discuss the physiological basis of Memory and Learning - part 2		PY10.12 Identify normal EEG forms -A Batch BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN PROTEIN & AMINO ACIDS -B BATCH AN26.2 Describe the features of norma verticalis & occipitalis C-Batch		AN28.9 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance AN28.4 Describe & demonstrate branches of facial nerve with distribution (Integration with General surgery)		
Wednesday	BI 6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism – (MAGNESIUM & ZINC (PE -13.13 ,13.14 & 9.1, DR-17.4)	PY10.9.3 Describe and discuss the physiological basis of speech	AN61.3 Describe anatomical basis & effects of Benedikt's and Weber's syndrome		PY10.12 Identify normal EEG forms -C Batch BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN PROTEIN & AMINO ACIDS -A BATCH AN26.2 Describe the features of norma verticalis & occipitalis B-Batch		AN28.3 Describe & demonstrate origin /formation, course, branches /tributaries of facial vessels AN28.5 Describe cervical lymph nodes and lymphatic drainage of head, face and neck	PY10-Assignment 9 on functions of thalamus and thalamic syndrome	
Thursday	AN52.6 Describe the development and congenital anomalies of Foregut	BI 6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism – IODINE (PE- 13.7 TO 13.10) ,FLOURINE	PPY10.5.1 Describe and discuss structure and functions of autonomic nervous system (ANS)		PY10.20.3 Demonstrate the correct clinical examination of the hearing-B Batch BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN PROTEIN & AMINO ACIDS -C BATCH AN52.2 Describe & identify the microanatomical features		AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae	Gross record assignment & viva Histology record assignment & viva	

				of: Male Reproductive System: Testis, Epididymis A-Batch			
Friday	(AN62.1 Enumerate cranial nerve nuclei with its functional component)	SDL on PY8.1 to PY8.3 &PY8.6	Biochemistry SDL	PY10.20.3 Demonstrate the correct clinical examination of the hearing-A Batch BI11.5Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN PROTEIN & AMINO ACIDS -B BATCH AN52.2 Describe & identify the microanatomical features of: Male Reproductive System: Testis, Epididymis C-Batch	Viva voce on PY7.1 to PY7.9		
Saturday	Tutorial on PY8.1 to PY8.3 &PY8.6		Community Medicine	PY10.20.3 Demonstrate the correct clinical examination of the hearing-C Batch BI11.5Describe screening of urine for inborn errors & describe the use of paper chromatography IDENTIFICATION OF UNKNOWN PROTEIN & AMINO ACIDS -A BATCH AN52.2 Describe & identify the microanatomical features of: Male Reproductive System: Testis, Epididymis B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY10-Assignment 10 on types of memory

31 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN62.3 Describe the white matter of cerebrum	Early Clinical Exposure		Break 15 min	PY10.20.1 Demonstrate the correct clinical examination of the Testing of visual acuity, colour-B Batch BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents ---PE -33.6 --- ALL TYPES OF DIPSTICKS <u>C BATCH</u> AN26.2 Describe the features of norma lateralis A-Batch	Lunch 1.00 PM – 2.00 PM	AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae		
Tuesday	PY10.5.2 Describe and discuss structure and functions of Reticular Activating System	AN52.6 Describe the development and congenital anomalies of Foregut	PY10.8 Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production		PY10.20.1 Demonstrate the correct clinical examination of the Testing of visual acuity, colour-A Batch BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents ---PE -33.6 --- ALL TYPES OF DIPSTICKS <u>B BATCH</u> AN26.2 Describe the features of norma lateralis C-Batch		AN33.2 Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication		
Wednesday	BI 6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism – SELENIUM & OTHERS	PY10.13.1+ PY10.14.1 Describe and discuss perception of Smell . Describe and discuss patho-physiology of altered smell	AN62.4 Enumerate parts & major connections of basal ganglia		PY10.20.1 Demonstrate the correct clinical examination of the Testing of visual acuity, colour-C Batch BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents ---PE -33.6 --- ALL TYPES OF DIPSTICKS <u>A BATCH</u> AN26.2 Describe the features of norma lateralis B-Batch		AN33.3 Describe & demonstrate articulating surface, type & movements of temporomandibular joint	PY10-Assignment 11 on types of aphasia ,	
Thursday	AN52.6 Describe the development and congenital anomalies of Midgut	BI 7.1 Describe the structure and functions of DNA and RNA and outline the cell cycle. -----DNA	PY10.13.2 + PY10.14.2 Describe and discuss perception of taste sensation. Describe and discuss patho-physiology of taste sensation		PY10.20.2 Demonstrate the correct clinical examination of the field of vision-B Batch PE 29.16 Discuss the Indications for Hemoglobin electrophoresis and interpret report (SGD & D) -- - <u>C BATCH</u> AN52.2 Describe & identify the microanatomical features of: Vas deferens, Prostate & penis A-Batch		AN42.2 Describe & demonstrate the boundaries and contents of Suboccipital triangle	Gross record assignment & viva Histology record assignment & viva	

Friday	(AN6.4 Enumerate parts & major connections of limbic lobe)	SDL on PY8.1 to PY8.3 &PY8.6	Biochemistry SDL	<p>PY10.20.2 Demonstrate the correct clinical examination of the field of vision-A Batch</p> <p>PE 29.16 Discuss the Indications for Hemoglobin electrophoresis and interpret report (SGD & D) -- - <u>B BATCH</u></p> <p>AN52.2 Describe & identify the microanatomical features of: Vas deferens, Prostate & penis C-Batch</p>	Tutorial on PY8.1 to PY8.3 &PY8.6		
Saturday	Written assessment 1 on PY8.1 to PY8.3 &PY8.6		Community Medicine	<p>PY10.20.2 Demonstrate the correct clinical examination of the field of vision-C Batch</p> <p>PE 29.16 Discuss the Indications for Hemoglobin electrophoresis and interpret report (SGD & D)--- <u>A BATCH</u></p> <p>AN52.2 Describe & identify the microanatomical features of: Vas deferens, Prostate & penis B-Batch</p>	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY10-Assignment 12 on stages of sleep

32 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus	Early Clinical Exposure			PY10.11.4+PY10.20.4 Demonstrate the correct clinical examination of the Cranial Nerves in a normal volunteer or simulated environment including smell-B Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions & BI 11.21 ESTIMATION OF GLUCOSE & DIABETES MELLITUS (SGD) --- C BATCH AN26.2 Describe the features of norma basalis A-Batch		Removal of skull cap, brain & spinal cord. AN42.1 Describe the contents of the vertebral canal		
Tuesday	PY10.5.2 Describe and discuss structure and functions of Reticular Activating System	AN52.6 Describe the development and congenital anomalies of Midgut	PY10.8 Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production	Break 15 min	PY10.11.4+PY10.20.4 Demonstrate the correct clinical examination of the Cranial Nerves in a normal volunteer or simulated environment including smell-A Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions & BI 11.21 ESTIMATION OF GLUCOSE & DIABETES MELLITUS (SGD) --- B BATCH AN26.2 Describe the features of norma basalis C-Batch	Lunch 1.00 PM – 2.00 PM	Removal of skull cap, brain & spinal cord. AN42.1 Describe the contents of the vertebral canal		
Wednesday	BI 7.1 Describe the structure and functions of DNA and RNA and outline the cell cycle. ----- RNA & CELL CYCLE	PY10.13.1+ PY10.14.1 Describe and discuss perception of Smell . Describe and discuss patho-physiology of altered smell	AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus		PY10.11.4+PY10.20.4 Demonstrate the correct clinical examination of the Cranial Nerves in a normal volunteer or simulated environment including smell-C Batch BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions & BI 11.21 ESTIMATION OF GLUCOSE & DIABETES MELLITUS (SGD) --- A BATCH AN26.2 Describe the features of norma basalis B-Batch		AN30.1 Describe the cranial fossae & identify related structures AN30.2 Describe & identify major foramina with structures passing through them (Integration with General surgery)		PY10-Assignment 11 on types of aphasia ,

Thursday	AN52.6 Describe the development and congenital anomalies of Hindgut	BI 7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms. -----REPLICATION & DNA REPAIR	PY10.13.2 + PY10.14.2 Describe and discuss perception of taste sensation. Describe and discuss pathophysiology of taste sensation	PY10.11.5 +PY10.20.5 Demonstrate the correct clinical examination of the Cranial Nerves in a normal volunteer or simulated environment including taste -B Batch BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance – (SGD)— <u>C -BATCH</u> AN52.2& AN52.3 Describe & identify the microanatomical features of: Female reproductive system: Ovary, Uterus. Describe & identify the microanatomical features of Corpus luteum A-Batch	AN30.3 Describe & identify dural folds & dural venous sinuses		Gross record assignment & viva Histology record assignment & viva
Friday	(AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus)	SDL on PY8.4 & PY8.5	Biochemistry SDL	PY10.11.5 +PY10.20.5 Demonstrate the correct clinical examination of the Cranial Nerves in a normal volunteer or simulated environment including taste -A Batch BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance – (SGD)— <u>B -BATCH</u> AN52.2& AN52.3 Describe & identify the microanatomical features of: Female reproductive system: Ovary, Uterus. Describe & identify the microanatomical features of Corpus luteum C-Batch	Tutorial on PY8.4 & PY8.5		
Saturday	Tutorial on PY8.4 & PY8.5		Community Medicine	PY10.11.5 +PY10.20.5 Demonstrate the correct clinical examination of the Cranial Nerves in a normal volunteer or simulated environment including taste -C Batch BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance – (SGD)— <u>A -BATCH</u> AN52.2& AN52.3 Describe & identify the microanatomical features of: Female reproductive system: Ovary, Uterus. Describe & identify the microanatomical features of Corpus luteum B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY10-Assignment 12 on stages of sleep

33 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN73.1 Describe the structure of chromosomes with classification AN73.2 Describe technique of karyotyping with its applications AN73.3 Describe the Lyon's hypothesis	Early Clinical Exposure			Revision-B Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum (SGD) ----C BATCH AN26.2 Describe the features of norma basalis A-Batch		AN31.1 Describe & identify extra ocular muscles of eyeball		
Tuesday	PY10.15.1 Describe and discuss Functional anatomy of ear	AN52.7 Describe the development of Urinary system	PY10.15.2 Describe and discuss Auditory pathways and Physiology of hearing		Revision-A Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum (SGD) ----B BATCH AN26.2 Describe the features of norma basalis C-Batch		AN31.2 Describe & demonstrate nerves and vessels in the orbit		
Wednesday	BI 7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms ----- TRANSCRIPTION	PY10.16 Describe and discuss pathophysiology of deafness. Describe hearing tests	AN74.1 Describe the various modes of inheritance with examples		Revision-C Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum (SGD) ----A BATCH AN26.2 Describe the features of norma basalis B-Batch		AN41.1 Describe & demonstrate parts and layers of eyeball (Integration with ophthalmology)		PY10-Assignment 13 on functions of middle ear
Thursday	AN52.7 Describe the development of Urinary system	BI 7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms --- --- TRANSLATION	PY10.17.1 Describe and discuss 1. Functional anatomy of eye 2. Physiology of image formation 3. Refractive errors	Break 15 min	Revision-B Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio (SGD)----C BATCH AN52.2 Describe & identify the microanatomical features of: Uterine tube, Cervix A-Batch	Lunch 1.00 PM – 2.00 PM	AN32.1 Describe boundaries and subdivisions of anterior triangle		Gross record assignment & viva Histology record assignment & viva
Friday	(AN74.2 Draw pedigree charts for the various types of inheritance & give examples of diseases of each mode of inheritance)	SDL on PY8.4 & PY8.5	Biochemistry SDL		Revision-A Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio (SGD)----B BATCH AN52.2 Describe & identify the microanatomical features of: Uterine tube, Cervix C-Batch		Tutorial on PY8.4 & PY8.5		
Saturday	Written assessment 2 on PY8.4 & PY8.5		Community Medicine		Revision-C Batch BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio (SGD)----A BATCH AN52.2 Describe & identify the microanatomical features of: Uterine tube, Cervix B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY10-Assignment 14 on tests of hearing

34 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN74.3 Describe multifactorial inheritance with examples	PY10.16 ENT OP/Ward		Break 15 min	OSCE on PY10.11.1 with certification-B Batch BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis (SGD)---C BATCH AN26.3 Describe cranial cavity, its subdivisions, foramina and structures passing through them (Part-I) A-Batch	Lunch 1.00 PM – 2.00 PM	AN32.2 Describe & demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles		
Tuesday	PY10.17.2 Physiology of vision	AN52.8 Describe the development of male reproductive system	PY10.17.3 Colour vision and colour blindness		OSCE on PY10.11.1 with certification-A Batch BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis (SGD)---B BATCH AN26.3 Describe cranial cavity, its subdivisions, foramina and structures passing through them (Part-I) C-Batch		AN34.1 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion		
Wednesday	BI 7.3 Describe gene mutations and basic mechanism of regulation of gene expression. ----- GENE MUTATIONS & DISEASES (IM-13.1)	PY10.18 Describe and discuss the physiological basis of lesion in visual pathway	AN74.4 Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia		OSCE on PY10.11.1 with certification-C Batch BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis (SGD)---A BATCH AN26.3 Describe cranial cavity, its subdivisions, foramina and structures passing through them (Part-I) B-Batch		AN35.2 Describe & demonstrate location, parts, borders, surfaces, relations & blood supply of thyroid gland AN35.5 Describe and demonstrate extent, drainage & applied anatomy of cervical lymph nodes (Integration with General surgery)	PY10-Assignment 15 on theories of colour vision	
Thursday	AN52.8 Describe the development of male reproductive system	BI 7.3 Describe gene mutations and basic mechanism of regulation of gene expression----REGULATION OF GENE EXPRESSION	PY10.17.4 Physiology of pupil and light reflex		OSCE on PY10.11.2 with certification-B Batch BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms (SGD)---C BATCH AN52.2 Describe & identify the microanatomical features		AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian artery AN35.4 Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephalic veins AN35.6 Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain AN24.4 Identify phrenic nerve & describe its formation & distribution	Gross record assignment & viva Histology record assignment & viva	

				of Placenta & Umbilical cord A-Batch				
Friday	Anatomy (AN75.1 Describe the structural and numerical chromosomal aberrations)	SDL on PY10.2.1 + PY10.10, PY10.2.2, PY10.3, PY10.7.1	Biochemistry SDL	OSCE on PY10.11.2 with certification-A Batch BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms (SGD)--- <u>B BATCH</u> AN52.2 Describe & identify the microanatomical features of Placenta & Umbilical cord C-Batch	Viva voce on PY8.1 to PY8.6			
Saturday	Tutorial on PY10.2.1 + PY10.10, PY10.2.2, PY10.3, PY10.7.1		Community Medicine	OSCE on PY10.11.2 with certification-C Batch BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms (SGD)--- <u>A BATCH</u> AN52.2 Describe & identify the microanatomical features of Placenta & Umbilical cord B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY10-Assignment 16 on visual pathway with its lesions	

35 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN75.1 Describe the structural and numerical chromosomal aberrations	PY10.16 ENT OP/Ward		Break 15 min	OSCE on PY10.11.3 with certification-B Batch BI5.5 Interpret laboratory results of analytes associated with metabolism of proteins –(SGD) -- <u>C – BATCH</u> AN26.3 Describe cranial cavity, its subdivisions, foramina and structures passing through them (Part-II) A-Batch	Lunch 1.00 PM – 2.00 PM	AN37.1 Describe & demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply (Integration with ENT)		
Tuesday	PY10.19 Describe and discuss auditory & visual evoke potentials	AN52.8 Describe the development of female reproductive system	PY11.1 Describe and discuss mechanism of temperature regulation		OSCE on PY10.11.3 with certification-A Batch BI5.5 Interpret laboratory results of analytes associated with metabolism of proteins –(SGD) -- <u>B – BATCH</u> AN26.3 Describe cranial cavity, its subdivisions, foramina and structures passing through them (Part-II) C-Batch		Mouth cavity & pharynx		
Wednesday	BI 7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis. ---- R-DNA TECHNOLOGY	PY11.2 Describe and discuss adaptation to altered temperature (heat and cold)	AN75.2 Explain the terms mosaics and chimeras with example		OSCE on PY10.11.3 with certification-C Batch BI5.5 Interpret laboratory results of analytes associated with metabolism of proteins –(SGD) -- <u>A – BATCH</u> AN26.3 Describe cranial cavity, its subdivisions, foramina and structures passing through them (Part-II) B-Batch		AN39.1 Describe & demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue	PY10-Assignment 17 on pupillary reflex and its abnormalities	
Thursday	AN52.8 Describe the development of female reproductive system	BI 7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis ----- PCR & OTHER APPLICATIONS	PY11.3 Describe and discuss mechanism of fever, cold injuries and heat, stroke		OSCE on PY10.11.4 + PY10.20.4 with certification-B Batch PE19.5 Discuss immunization in special situations – HIV positive children, immunodeficiency, preterm, organ transplants, those who received blood and blood products, splenectomised children, Adolescents, travelers --(SGD) -- <u>C – BATCH</u> AN43.2 & AN43.3 Identify, describe and draw the microanatomy of pituitary		AN38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx (Integration with ENT)	Gross record assignment & viva Histology record assignment & viva	

				gland . Identify, describe and draw microanatomy of pineal gland A-Batch		
Friday	(AN75.3 Describe the genetic basis & clinical features of Prader Willi syndrome, Edward syndrome & Patau syndrome)	SDL on PY10.2.1 + PY10.10, PY10.2.2, PY10.3, PY10.7.1	Biochemistry SDL	OSCE on PY10.11.4 + PY10.20.4 with certification-A Batch PE19.5 Discuss immunization in special situations – HIV positive children, immunodeficiency, preterm, organ transplants, those who received blood and blood products, splenectomised children, Adolescents, travelers –(SGD) --B – BATCH AN43.2 & AN43.3 Identify, describe and draw the microanatomy of pituitary gland . Identify, describe and draw microanatomy of pineal gland C-Batch	Tutorial on PY10.2.1 + PY10.10, PY10.2.2, PY10.3, PY10.7.1	
Saturday	Tutorial on PY10.2.1 + PY10.10, PY10.2.2, PY10.3, PY10.7.1		Community Medicine	OSCE on PY10.11.4 + PY10.20.4 with certification-C Batch PE19.5 Discuss immunization in special situations – HIV positive children, immunodeficiency, preterm, organ transplants, those who received blood and blood products, splenectomised children, Adolescents, travelers –(SGD) -A – BATCH AN43.2 & AN43.3 Identify, describe and draw the microanatomy of pituitary gland . Identify, describe and draw microanatomy of pineal gland B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES

36 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN75.4 Describe genetic basis of variation: polymorphism and mutation	PY10.17 Ophthalmology OP/Ward		Break 15 min	OSCE on PY10.11.5 + PY10.20.5 with certification-B Batch SU1.1 Describe basic concepts of homeostasis, enumerate the metabolic changes in injury and their mediators SU1.2 Describe the factors that affect the metabolic response to injury -(SGD) --C – BATCH AN26.4 Describe morphological features of mandible A-Batch	Lunch 1.00 PM – 2.00 PM	AN40.1 Describe & identify the parts, blood supply and nerve supply of external ear (Integration with ENT)		
Tuesday	PY11.4 Describe and discuss 1. Cardio-respiratory and metabolic adjustments during exercise 2. Physical training effects	AN43.4 Describe the development and developmental basis of congenital anomalies of face & palate	PY11.8 Discuss & compare cardio-respiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold)		OSCE on PY10.11.5 + PY10.20.5 with certification-A Batch SU1.1 Describe basic concepts of homeostasis, enumerate the metabolic changes in injury and their mediators SU1.2 Describe the factors that affect the metabolic response to injury -(SGD) --B – BATCH AN26.4 Describe morphological features of mandible C-Batch		AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube (Integration with ENT)		
Wednesday	BI 7.5 Describe the role of xenobiotics in disease	PY11.5 Describe and discuss physiological consequences of sedentary lifestyle	AN75.5 Describe the principles of genetic counselling		OSCE on PY10.11.5 + PY10.20.5 with certification-C Batch SU1.1 Describe basic concepts of homeostasis, enumerate the metabolic changes in injury and their mediators SU1.2 Describe the factors that affect the metabolic response to injury -(SGD) --A – BATCH AN26.4 Describe morphological features of mandible B-Batch		AN43.5 Demonstrate- 1) Testing of muscles of facial expression, extraocular muscles, muscles of mastication, 2) Palpation of carotid arteries, facial artery, superficial temporal artery, 3) Location of internal and external jugular veins, 4) Location of hyoid bone, thyroid cartilage and cricoids cartilage with their vertebral levels (Integration with General surgery)	PY11-Assignment 1 on exercise metabolism	
Thursday	AN43.4 Describe the development and developmental basis of congenital anomalies branchial apparatus	BI 7.6 Describe the anti-oxidant defence systems in the body, BI 7.7 Describe the role of oxidative stress in the pathogenesis of	PY11.12 Discuss the physiological effects of meditation		OSCE on PY10.11.6 with certification-B Batch SU9.1 Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret		AN43.6 Demonstrate surface projection of- Thyroid gland, Parotid gland and duct, Pterion, Common carotid artery, Internal jugular vein, Subclavian vein, External jugular vein, Facial artery in the face & accessory nerve (Integration with General surgery)	Gross record assignment & viva Histology record assignment & viva	

		conditions such as cancer, complications of diabetes mellitus and atherosclerosis ----- ANTIOXIDANT DEFENSE		the investigative data in a surgical patient. --(SGD) --C – BATCH AN43.2 Identify, describe and draw the microanatomy of thyroid and parathyroid gland A-Batch			
Friday	(AN43.4 Describe the development and developmental basis of congenital anomalies branchial apparatus & thyroid gland)	SDL on PY11.9	Biochemistry SDL	OSCE on PY10.11.6 with certification-A Batch SU9.1 Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret the investigative data in a surgical patient. --(SGD) --B – BATCH AN43.2 Identify, describe and draw the microanatomy of thyroid and parathyroid gland C-Batch	Tutorial on PY10.2.1 + PY10.10, PY10.2.2, PY10.3, PY10.7.1		
Saturday	Written assessment 1 on PY10.2.1 + PY10.10, PY10.2.2, PY10.3, PY10.7.1		Community Medicine	OSCE on PY10.11.6 with certification-C Batch SU9.1 Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret the investigative data in a surgical patient. --(SGD) --A – BATCH AN43.2 Identify, describe and draw the microanatomy of thyroid and parathyroid gland B-Batch	AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	PY11-Assignment 2 on cardiorespiratory changes during exercise

37 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN43.4 Describe the development and developmental basis of congenital anomalies of tongue	PY10.17 Ophthalmology OP/Ward		Break 15 min	OSCE onPY10.20.1 with certification-B Batch AN26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis) A-Batch	Lunch 1.00 PM – 2.00 PM	AN43.1 Describe & demonstrate the movements with muscles producing the movements of atlantooccipital joint & atlantoaxial joint		
Tuesday	PY11.7 Describe and discuss physiology of aging; free radicals and Antioxidants	AN43.4 Describe the development and developmental basis of congenital anomalies of pituitary gland	PY11.6 Describe physiology of Infancy		OSCE onPY10.20.1 with certification-A Batch AN26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis) C-Batch		AN43.7 Identify the anatomical structures in 1) Plain x-ray skull, 2) AP view and lateral view 3) Plain x-ray cervical spine-AP and lateral view 4) Plain xray of paranasal sinuses (Integration with Radiodiagnosis)		
Wednesday	BI 8.1 Discuss the importance of various dietary components and explain importance of dietary fibre. (PE-9.1,9.3)	PY11.11 Discuss the concept, criteria for diagnosis of Brain death and its Implications	AN43.4 Describe the development and developmental basis of congenital anomalies of eye		OSCE onPY10.20.1 with certification-C Batch AN26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis) B-Batch		AN43.8 Describe the anatomical route used for carotid angiogram and vertebral angiogram AN43.9 Identify anatomical structures in carotid angiogram and vertebral angiogram (Integration with Radiodiagnosis)		
Thursday	AN63.2 Describe anatomical basis of congenital hydrocephalus	BI 8.2 Describe the types and causes of protein energy malnutrition and its effects. (PE-10.1,10.2,PA-12.2,IM-22.2)	Revision		OSCE on PY10.20.2 with certification-B Batch AN43.2 Identify, describe and draw the microanatomy of cornea, sclero-corneal junction, retina A-Batch		PCT on Head & neck		Record submission & regional assessment on Head & Neck
Friday	(AN64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum)	SDL on PY11.10	Biochemistry SDL		OSCE on PY10.20.2 with certification-A Batch AN43.2 Identify, describe and draw the microanatomy of cornea, sclero-corneal junction, retina C-Batch		PY11.9 Interpret growth charts		
Saturday	PY11.10 Interpret anthropometric assessment of infants		Community Medicine		OSCE on PY10.20.2 with certification-C Batch AN43.2 Identify, describe and draw the microanatomy of cornea, sclero-corneal junction, retina B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	

38 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	AN64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum	Early Clinical Exposure		Break 15 min	OSCE on PY10.20.3 with certification-B Batch AN26.7 Describe the features of the 7th cervical vertebra A-Batch	Lunch 1.00 PM – 2.00 PM	AN56.1 Describe & identify various layers of meninges with its extent & modifications (Integration with General medicine)		
Tuesday	Revision	AN64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum	Revision		OSCE on PY10.20.3 with certification-A Batch AN26.7 Describe the features of the 7th cervical vertebra C-Batch		AN57.1 Identify external features of spinal cord		
Wednesday	BI 8.2 Describe the types and causes of protein energy malnutrition and its effects. (PE-10.3)	Revision	AN64.3 Describe various types of open neural tube defects with its embryological basis		OSCE on PY10.20.3 with certification-C Batch AN26.7 Describe the features of the 7th cervical vertebra B-Batch		AN58.1 Identify external features of medulla oblongata		
Thursday	Anatomy revision	BI 8.3 Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy (IM-23.4,24.22&SU-12.3) -----NUTRITIONAL ADVISES & DISORDERS	Revision		PY10.20 Clinical Charts : B Batch AN43.3 Identify, describe and draw microanatomy of olfactory epithelium, eyelid,lip A-Batch		AN59.1 Identify external features of pons	Gross record assignment & viva Histology record assignment & viva	
Friday	Anatomy	SDL on PY10.4.1, PY10.4.2 PY10.2.3, PY10.7.2, PY10.7.3, PY10.4, PY10.6	Biochemistry SDL		PY10.20 Clinical Charts : A Batch AN43.3 Identify, describe and draw microanatomy of olfactory epithelium, eyelid,lip C-Batch		PY11.14 Demonstrate Basic Life Support in a simulated environment		
Saturday	Tutorial on PY10.4.1, PY10.4.2 PY10.2.3, PY10.7.2, PY10.7.3, PY10.4, PY10.6		Community Medicine		PY10.20 Clinical Charts : C Batch AN43.3 Identify, describe and draw microanatomy of olfactory epithelium, eyelid,lip B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	

39 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	Break 15 min	11.15 – 1.00 PM	Lunch 1.00 PM – 2.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	Anatomy revision	Early Clinical Exposure			PY10.20 Clinical Charts : B Batch Assessment – IV (Head & Neck) A-Batch		AN60.1 Describe & demonstrate external & internal features of cerebellum		
Tuesday	Tutorial on PY10.4.1, PY10.4.2 PY10.2.3, PY10.7.2, PY10.7.3, PY10.4, PY10.6	Anatomy revision	Tutorial on PY10.4.1, PY10.4.2 PY10.2.3, PY10.7.2, PY10.7.3, PY10.4, PY10.6		PY10.20 Clinical Charts : A Batch Assessment – IV (Head & Neck) C-Batch		AN61.1 Identify external & internal features of midbrain		
Wednesday	BI 8.4 Describe the causes (including dietary habits), effects and health risks associated with being overweight/ obesity. (PE-11.1)---- OBESITY	Tutorial on PY10.4.1, PY10.4.2 PY10.2.3, PY10.7.2, PY10.7.3, PY10.4, PY10.6	Anatomy revision		PY10.20 Clinical Charts : C Batch Assessment – IV (Head & Neck) B-Batch		AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere (Integration with Physiology & General medicine)		
Thursday	Anatomy revision	BI 8.5 Summarize the nutritional importance of commonly used items of food including fruits and vegetables.(macro-molecules & its importance	Tutorial on PY10.7.4, PY10.7.5, PY10.7.6, PY10.9,PY10.5, PY10.8		Revision-B Batch AN43.3 Identify, describe and draw microanatomy of optic nerve, cochlea - organ of corti, A-Batch		AN62.6 Describe & identify formation, branches & major areas of distribution of circle of Willis Base of the brain & subarachnoid cisterns (Integration with Physiology & General medicine)	Gross record assignment & viva Histology record assignment & viva	
Friday	Anatomy	SDL on PY10.7.4, PY10.7.5, PY10.7.6, PY10.9,PY10.5, PY10.8	Biochemistry SDL		Revision-A Batch AN43.3 Identify, describe and draw microanatomy of optic nerve, cochlea - organ of corti, C-Batch		Tutorial on PY10.7.4, PY10.7.5, PY10.7.6, PY10.9,PY10.5, PY10.8		
Saturday	Written assessment 2 on PY10.4.1, PY10.4.2 PY10.2.3, PY10.7.2, PY10.7.3, PY10.4, PY10.6		Community Medicine		Revision-C Batch AN43.3 Identify, describe and draw microanatomy of optic nerve, cochlea - organ of corti, B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	

40 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM		11.15 – 1.00 PM		2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	Anatomy revision	Early Clinical Exposure		Break 15 min	Revision-B Batch AN64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum A-Batch	Lunch 1.00 PM – 2.00 PM	AN63.1 Describe & demonstrate parts, boundaries & features of IIIrd, IVth & lateral ventricle (Integration with Physiology)		
Tuesday	Tutorial on PY10.7.4, PY10.7.5, PY10.7.6, PY10.9, PY10.5, PY10.8	Anatomy revision	Tutorial on PY10.13 to PY10.19		Revision-A Batch AN64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum C-Batch		AN63.1 Describe & demonstrate parts, boundaries & features of IIIrd, IVth & lateral ventricle (Integration with Physiology)		
Wednesday	BI 9.3 Describe protein targeting & sorting along with its associated disorders- --- CELL MEMBRANE & TRANSPORTERS	Tutorial on PY10.13 to PY10.19	Anatomy revision		Revision-C Batch AN64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum B-Batch		AN63.1 Describe & demonstrate parts, boundaries & features of IIIrd, IVth & lateral ventricle (Integration with Physiology)		
Thursday	Anatomy revision	BI 9.1 List the functions and components of the extracellular matrix (ECM)	Tutorial on PY10.13 to PY10.19		Revision-B Batch Assessment - II (Systemic histology) A-Batch		PCT on CNS		Record submission & regional assessment on CNS
Friday	Anatomy	SDL on PY10.13 to PY10.19	Biochemistry SDL		Revision-A Batch Assessment - II (Systemic histology) C-Batch		Tutorial on PY10.13 to PY10.19		
Saturday	Written assessment 3 on PY10.7.4, PY10.7.5, PY10.7.6, PY10.9, PY10.5, PY10.8		Community Medicine		Revision-C Batch Assessment - II (Systemic histology) B-Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	

41 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	Break 15 min	11.15 – 1.00 PM	Lunch 1.00 PM – 2.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions	
Monday	Anatomy	Early Clinical Exposure			Revision-B Batch		Anatomy Dissection			
Tuesday	Tutorial on PY11.1 to PY11.11	Anatomy	Tutorial on PY11.1 to PY11.11		Revision-A Batch		Anatomy Dissection			
Wednesday	BI 9.2 Discuss the involvement of ECM components in health and disease	Tutorial on PY11.1 to PY11.11	Anatomy		Revision-C Batch		Anatomy Dissection			
Thursday	Anatomy	BI 9.3 Describe protein targeting & sorting along with its associated disorders	Tutorial on PY11.1 to PY11.11		Revision-B Batch		Anatomy Dissection			
Friday	Anatomy	SDL on PY10.13 to PY10.19	Biochemistry SDL		Revision-A Batch		Viva voce on PY11.1 to PY11.11			
Saturday	Written assessment 4 on PY10.13 to PY10.19		Community Medicine		Revision-C Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES		

42 Week	8.00-9.00 AM	9.00-10.00 AM	10.00-11.00 AM	Break 15 min	11.15 – 1.00 PM	Lunch 1.00 PM – 2.00 PM	2.00 -3.00 PM	3.00-4.00 PM	Submissions
Monday	Anatomy	Early Clinical Exposure			Revision-B Batch		Anatomy Dissection		
Tuesday	Revision	Anatomy	Revision		Revision-A Batch		Anatomy Dissection		
Wednesday	<p>BI 10.1 Describe the cancer initiation, promotion oncogenes & oncogene activation. Also focus on p53 & apoptosis</p> <p>BI 10.2 Describe various biochemical tumor markers and the biochemical basis of cancer therapy.</p>	Revision	Anatomy		Revision-C Batch		Anatomy Dissection		
Thursday	Anatomy	<p>BI 10.3 Describe the cellular and humoral components of the immune system & describe the types and structure of antibody</p> <p>BI 10.4 Describe & discuss innate and adaptive immune responses, self/non-self recognition and the central role of T-helper cells in immune responses</p> <p>Bi 10.5 Describe antigens and concepts involved in vaccine development</p>	Revision		Revision-B Batch		Anatomy Dissection		
Friday	Anatomy	SDL on PY11.1 to PY11.11	Biochemistry SDL		Revision-A Batch		Viva voce on PY 10.1 to PY10.20		
Saturday	Written assessment on PY11.1 to PY11.11		Community Medicine		Revision-C Batch		AETCOM	SPORTS / EXTRA-CURRICULAR ACTIVITIES	